

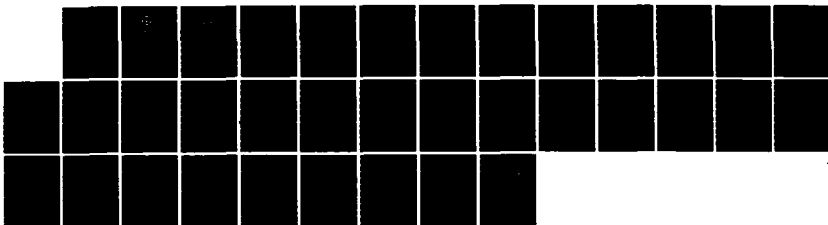
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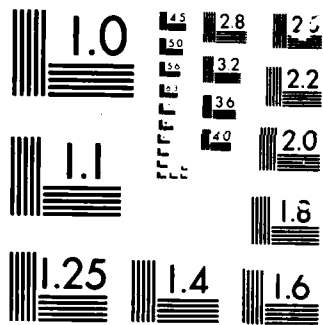
500 CONTRACTORS RECEIVING THE LARGEST DOLLAR VOLUME OF 1/1  
PRIME CONTRACT AWA. (U) WASHINGTON HEADQUARTERS  
SERVICES (DOD) DC DIRECTORATE FOR INF. 1979  
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# **500 CONTRACTORS**

**CONTRACTORS RECEIVING THE LARGEST DOLLAR VOLUME  
OF  
PRIME CONTRACT AWARDS FOR RDT&E**

**FISCAL YEAR 1979**

**DEPARTMENT OF DEFENSE  
WASHINGTON HEADQUARTERS SERVICES  
DIRECTORATE FOR INFORMATION OPERATIONS  
AND REPORTS**



# **500 CONTRACTORS**

**CONTRACTORS RECEIVING THE LARGEST DOLLAR VOLUME  
OF MILITARY PRIME CONTRACT AWARDS FOR RDT&E**

**FISCAL YEAR 1979**

**DEPARTMENT OF DEFENSE  
WASHINGTON HEADQUARTERS SERVICES  
DIRECTORATE FOR INFORMATION OPERATIONS  
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## 500 CONTRACTORS

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DEPARTMENT OF DEFENSE  
WASHINGTON HEADQUARTERS SERVICES  
DIRECTORATE FOR INFORMATION  
OPERATIONS AND REPORTS  
MAY 1, 1980

500 CONTRACTORS LISTED ACCORDING TO NET VALUE OF  
MILITARY PRIME CONTRACT AWARDS FOR RESEARCH,  
DEVELOPMENT, TEST, AND EVALUATION WORK

FISCAL YEAR 1979

FOREWORD

This report lists the leading 500 military prime contractors according to the net value of awards over \$10,000 for research, development, test, and evaluation (RDT&E) work during fiscal year 1979. This list is arranged in four sections: U.S. Business Firms; Educational and Nonprofit Institutions; Foreign Contractors; and U.S. Government Agencies.

Contractors in all sections are ranked in a single sequence so that only one contractor in the report is number one. The alphabetical index shows the section in which each contractor is located and his rank. The geographic locations shown are those where the work was expected to be performed. Generally, the location is a contractor's plant, laboratory, or other facility. However, if the work was scheduled to be performed at a Defense activity, such as an Air Force Base, the location is the Defense activity rather than the contractor's plant.

The following table shows the distribution of RDT&E awards for all contractors and for the top 500. The 1979 distribution varies slightly from that for 1978. In 1978, the top 500 consisted of 380 U.S. firms (193 of which were small business firms); 112 educational and nonprofit institutions; 2 foreign contractors; and 6 U.S. government

TYPE OF CONTRACTOR	TOTAL RDT&E			500 CONTRACTORS RDT&E			ALL OTHER RDT&E		
	NUMBER	AMARDS (\$000)	PERCENT OF TOTAL	NUMBER	AMARDS (\$000)	PERCENT OF TOTAL	NUMBER	AMARDS (\$000)	PERCENT OF TOTAL
RDT&E - TOTAL	1,950	\$8,542,998	100	500	\$8,378,022	100	1,450	\$164,976	100
BUSINESS FIRMS	1,579	7,533,996	88	368	7,392,392	88	1,211	141,604	86
Small	1,133	483,630	6	186	377,160	4	947	106,470	65
Large	446	7,050,366	82	182	7,015,232	84	264	35,134	21
EDUCATIONAL & OTHER NONPROFIT	320	981,948	12	121	960,912	11	199	21,036	13
Educational	188	573,733	7	89	560,778	6	99	12,955	8
Other Nonprofit	132	408,215	5	32	400,134	5	100	8,081	5
U.S. GOVERNMENT AGENCIES (1)	9	11,992	*	6	11,767	*	3	225	*
FOREIGN	42	15,062	*	5	12,951	*	37	2,111	1
Nonprofit	17	4,827	*	3	4,111	*	14	716	*
Business Firms	25	10,235	*	2	8,840	*	23	1,395	1

\* Less than 0.5 percent.

(1) Excludes 8(a) awards made through the Small Business Administration

NOTE: Totals may not add due to rounding.

agencies. There are 95 new contractors on the fiscal year 1979 list compared to 88 new contractors in 1978.

In addition to the 500 listed contractors, there were 1,450 other contractors who were awarded prime contracts over \$10,000 for RDT&E work during fiscal year 1979 making a total of 1,950 contractors in all compared with 1,937 contractors during fiscal year 1978. In 1979, the top 500 RDT&E contractors received awards totaling \$8,378 million compared to \$8,520 million in 1978, for a decrease of \$142 million, or -2 percent. The \$8,378 million represents 98.1 percent of the \$8,543 million total prime contract awards over \$10,000 for RDT&E work in fiscal year 1979, the same relationship as in 1978. During fiscal year 1979 awards made by the Department of Defense under the U.S. Small Business Administration's 8(a) program, which were formerly credited to that agency, are now credited to the actual recipient prime contractor. Consequently, awards to U.S. Government agencies decreased by \$13 million or -52 percent and small business firms increased by \$20 million or 4 percent. Awards to large business firms decreased by \$342 million or -5 percent.

Of the 19 contractors with RDT&E awards of \$100 million or more in fiscal year 1979, 16 were large U.S. businesses and 3 were educational and other nonprofit institutions. These 19 contractors had a total of \$5,184 million in RDT&E awards. In fiscal year 1978, there also were 19 contractors who attained the \$100 million plateau with total awards of \$5,600 million, of which 17 were large U.S. businesses and 2 were educational institutions. The amount of awards for the \$100 million group showed a decrease of \$416 million, or -7.4 percent, between fiscal years 1978 and 1979. This loss in RDT&E awards by large U.S. business firms (\$323 million or -4 percent) was partially offset by increased awards to educational and nonprofit institutions and to foreign contractors of \$192 million or 25 percent and \$8 million or 169 percent, respectively.

The RDT&E contractors with the largest value of awards were engaged in research, development, test, or evaluation of missile and space systems, electronic and communications equipment, and aircraft programs. In fiscal year 1979, \$6,271 million or 73.4 percent of all RDT&E awards of over \$10,000 was for work connected with the above programs.

As shown below, engineering development accounted for the majority (43.2%) of RDT&E awards. Within this

category, missile systems received \$1,241 million, or 14.5 percent, of the total RDT&E awards. The next largest expenditure, also for engineering development, was aircraft programs, \$1,140 million, or 13.3 percent.

Type	Awards (\$000)	Percent of Total
RDT&E - TOTAL	\$8,542,998	100.0
Research	380,861	4.5
Exploratory Development	726,161	8.5
Advanced Development	1,587,199	18.6
Engineering Development	3,692,278	43.2
Operational Systems	1,047,319	12.3
Management and Support	1,109,180	13.0



INDEX OF 500 LARGEST MILITARY  
PRIME CONTRACTORS FOR RESEARCH, DEVELOPMENT,  
TEST AND EVALUATION WORK  
FISCAL YEAR 1979

RANK + LIST +	CONTRACTOR	RANK + LIST +	CONTRACTOR
83	B A A I CORP	77	N BATTELLE MEMORIAL INSTITUTE
284	B A L S ELECTRONICS CORP	266	B BELL & HOWELL CO
203	M ACUREX CORP	68	B BENDIX CORP
494	M ADVANCED DESIGN CORP	153	B BENDIX FIELD ENGINEERING CORP
342	B ADVANCED RESEARCH & APPL CORP	347	B BETAC CORP
196	B ADVANCED TECHNOLOGY INC	481	B ETC PED INC
308	B AERODYNE RESEARCH INC	357	P EICMETRICS INC
32	M AERJET GENERAL CORP	115	E BOEING AEROSPACE CO
293	M AEROMET INC	2	B BOEING CO
297	B AERONAUTICAL RESEARCH ASSOCIATES	71	E BOEING VERTCL CO
17	N AEROSPACE CORP	87	B BOLT BERANEK & NEWMAN INC
368	M AIRFSEARCH PFC CO OF ARIZONA	95	B BOOZ ALLEN & HAMILTON INC
397	N ALABAMA UNIVERSITY CF	204	B BOOZ ALLEN APPLIED RESEARCH INC
97	N ALASKA UNIVERSITY OF	225	N BOSTON COLLEGE
126	M AMERICAN ELECTRONIC LABS INC	287	N BOSTON UNIVERSITY
416	N AMERICAN EDUCATION BIOLOGICAL	415	E BREED CORP
450	M AMERICAN STERILIZER CO	435	N BROWN UNIVERSITY
428	B AMPEX CORP	172	B BRUNSWICK CORP
270	M ANALYSIS & COMPUTER SYSTEMS INC	476	B BULOVA WATCH CO INC
272	M ANALYSIS & TECHNOLOGY INC	94	E BUNKER RAMO CORP
428	M ANALYTIC DISC PLINES INC	184	B BURROUGHS CORP
98	B ANALYTIC SCIENCES CORP	312	B C N R INC
138	N ANALYTIC SERVICES INC	368	E C T E C
448	M ANALYTICAL ASSESSMENTS CORP	257	E CACI INC FEDERAL
156	B ANALYTICAL SYSTEMS ENGR CORP	193	B CACRE CORP
168	B ANALYTICS INC	182	N CALIFORNIA INSTITUTE OF TECHNOLOGY
440	M APPLICATION RESEARCH CORP	372	E CALIFORNIA RESEARCH & TECHNOLOGY
784	M APPLIED SCIENCE ASSOCIATES INC	54	N CALIFORNIA UNIVERSITY CF
480	B APCON CORP	75	E CALSPAN CORP
104	B A-ES INC	106	B CAPPELL ALLEN P
288	M ARETE ASSOCIATES INC	107	F CANADIAN COMMERCIAL CORP
222	M ARFC SYSTEMS INC	352	B CANYON RESEARCH GROUP INC
157	B ARINC RESEARCH CORP	269	N CAPITOL RADIO ENGINEERING INST INC
187	N ARIZONA UNIVERSITY CF	206	B CARTECH INC
18	M ARD INC	158	N CARNEGIE MELLON UNIVERSITY
276	B ASSURANCE TECHNOLOGY CORP	333	N CASE WESTERN RESERVE UNIVERSITY
291	B ATLANTIC ANALYSIS CORP	393	N CATHOLIC UNIVERSITY OF AMERICA
168	B ATLANTIC RESEARCH CORP	402	B CENTER FOR PLANNING & RESEARCH INC
165	N AUPLURN UNIVERSITY	371	E CHALCO ENGINEERING CORP
175	B AUEFRACH ASSOCIATES INC	160	B CHAMBERLAIN MFG CORP
258	B AUSTIN RESEARCH ASSOCIATES	25	N CHARLES STARK DRAFER LABS INC
36	B AUTOMATIC INDUSTRIES INC	478	N CHICAGO UNIVERSITY
467	B AUTOMETRIC CORP	23	E CHRYSLER CORP
35	M AVCC CORP	147	B CINCINNATI ELECTRONICS CORP
80	B AVCC EVERETT RESEARCH LABORATORY	376	N CINCINNATI UNIVERSITY CF
47	B B C M CORP	422	B CLARK EQUIPMENT CO
218	M B C M SERVICES CO	430	N CLARKSON COLLEGE OF TECHNOLOGY
468	B B E I ELECTRONICS INC	370	N COLORADO STATE UNIVERSITY
310	M B K DYNAMICS INC	319	N COLORADO UNIVERSITY
214	B BALL PROS RESEARCH CORP	442	B COLUMBIA RESEARCH CORP

\* B = BUSINESS FIRM  
F = FOREIGN CONTRACTOR  
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INDEX OF 500 LARGEST MILITARY  
PRIME CONTRACTORS FOR RESEARCH, DEVELOPMENT,  
TEST AND EVALUATION WORK  
FISCAL YEAR 1979

RANK + LIST +	CONTRACTOR	RANK + LIST +	CONTRACTOR
163	N COLUMBIA UNIVERSITY	162	E ENSCO INC
174	N COMPANY CONTROL & COMMUNICATION	137	N ENVIRONMENTAL RESEARCH INST OF MICH
191	N COMPUTER CORP OF AMERICA	386	E ESSEX CORP
51	N COMPUTER SCIENCES CORP	33	B F P C CORP
420	B CONSOLIDATED ANALYSIS CENTER INC	170	E FAIRCHILD CAMERA & INSTRUMENT CORP
62	B CONTROL DATA CORP	73	B FAIRCHILD INDUSTRIES INC
215	N CORNELL UNIVERSITY	239	E FALCON RESEARCH & DEVELOPMENT CO
144	N CUPIC CORP	400	B FEDERAL ELECTRIC CORP
170	N CUMMINS ENGINE CO INC	401	B FIBER MATERIALS INC
126	B CURTIS WRIGHT CORP	313	B FIBER TECHNOLOGY INC
58	B CUTLER HAMMER INC	260	E FIRESTONE TIRE & RUBBER CO
192	B D A A SYSTEMS INC	130	B FLIGHT SYSTEMS INC
455	N C C S CORP	296	E FLINCHBAUGH PRODUCTS INC
407	E DATA BASE MANAGEMENT INC	353	N FLORIDA STATE UNIVERSITY
461	N DATA GENERAL CORP	380	N FLORIDA TECHNOLOGICAL UNIVERSITY
76	N DAYTON UNIVERSITY OF	350	N FLORIDA UNIVERSITY
405	B DECISION SCIENCE APPLICATIONS INC	27	E FGND AEROSPACE & COMMUNICATIONS
484	B DECISION SCIENCE INC	451	E FREQUENCY & TIME SYSTEMS INC
252	B DECISIONS & DESIGNS INC	151	B FUGRO NATIONAL INC
474	N DELAWARE UNIVERSITY OF	24	E G T E SYLVANIA INC
303	N D LEX SYSTEMS INC	491	B GAGLIARDI SYSTEMS GROUP INC
247	N DENVER UNIVERSITY OF	68	E GARRETT CORP
453	B DEVELOPMENTAL SCIENCES INC	3	B GENERAL DYNAMICS CORP
255	B DIAGNOSTIC RETRIEVAL SYSTEMS INC	5	E GENERAL ELECTRIC CO
424	B DIGITAL EQUIPMENT CORP	56	E GENERAL MOTORS CORP
367	N DIGITAL TECHNOLOGY INC	446	E GENERAL OFFSHORE CORP
264	N DINEWEGO INDUSTRIES INC	90	B GENERAL RESEARCH CORP
343	N DOW ASSOCIATES	332	E GEODYNAMICS CORP
385	N DUKE UNIVERSITY	378	N GEOPHYSICAL INSTITUTE OF ALASKA
74	N DYNATECH CORP	276	N GEORGE WASHINGTON UNIVERSITY
186	N DYNAMICS RESEARCH CORP	475	N GEORGETOWN UNIVERSITY
124	N DYNELL ELECTRONICS CORP	146	N GEORGIA INSTITUTE TECH
220	N DYNATECH INC	185	N GEORGIA TECH RESEARCH INSTITUTE
140	N E G & C INC	48	E GLOBAL ASSOCIATES
306	B E P F CORP	82	B GOODYEAR AEROSPACE CORP
41	B E S L INC	81	E GOULD INC
124	N E SYSTEMS INC	31	E GRUMMAN AEROSPACE CORP
210	N EASTMAN KODAK CO	86	E H R E SINGER INC
497	N ECLETECH ASSOCIATES INC	42	B HARRIS CORP
85	B ECO CORP	278	N HARVARD UNIVERSITY
241	N EDUCATIONAL COMPUTER CORP	281	N HAWAII UNIVERSITY OF
217	B EFFECTS TECHNOLOGY INC	84	E HAZELTINE CORP
231	B ELECTRIC SPACE SYSTEMS INC	150	B HENNINGSTON DURHAM RICHARDSON
273	N ELECTRONIC COMMUNICATIONS INC	53	E HERCULES INC
323	N ELECTRONIC WARFARE ASSOCIATES	354	E HERNER CO
242	N ELECTROSPACE SYSTEMS INC	471	E HI SHEAR CORP
320	B EMERSON & CLARK INC	20	B HONEYWELL INC
40	N EMERSON ELECTRIC CO	315	E HORIZONS TECHNOLOGY INC
400	N EMMAUEL COLLEGE	473	N HOUSTON UNIVERSITY OF
387	B ENERGY RESEARCH CORP	447	N HUSCH INSTITUTE

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RANK + LIST *	CONTRACTOR	RANK + LIST *	CONTRACTOR
4 B	HUGHES AIRCRAFT CO	195 B	LOCKHEED ELECTRONICS CO INC
212 B	HUGHES RESEARCH LABORATORIES	18 B	LOCKHEED MISSILES & SPACE CO INC
210 N	HUMAN RESOURCES RESEARCH ORGN	127 B	LOCKHEED SHIPBUILDING CONSTRUCTION
424 B	HYCOM INC	88 B	LOGICON INC
316 B	MYCOR INC	233 N	LOGISTICS MANAGEMENT INSTITUTE
463 B	HYDROACOUSTICS INC	111 B	LORAL CORP
221 B	HYDRONAUTICS INC	335 N	LOUISIANA STATE UNIVERSITY OF
294 B	HYDROSCIENCE INC	355 B	M & S COMPUTING INC
494 B	HYDRONICS	346 B	M E ASSOCIATES
436 B	I L C DOVER	478 B	M R J INC
346 B	I R T CORP	110 B	PAGNAVOX CO
106 B	I T T & WESTINGHOUSE JV	101 B	PAGNAVOX GOVT & INDUSTRIAL ELEC CO
56 B	I T T GIFFILLAN INC	238 B	PAN TECH CORP
57 N	ILLINOIS INSTITUTE TECHNOLOGY	253 B	PAN INC
173 N	ILLINOIS UNIVERSITY OF	443 B	PARK RESOURCES INC
354 B	IMAGE GRAPHICS INC	138 B	PARGUARDT CO
325 B	INCC INC	8 B	PARTIN MARIETTA CORP
477 B	INFORMATION SPECTRUM INC	211 N	MARYLAND UNIVERSITY OF
67 N	INSTITUTE FOR DEFENSE ANALYSIS	423 B	MASSACHUSETTS COMPUTER ASSOCIATES
288 B	INTERMETRICS INC	16 N	MASSACHUSETTS INSTITUTE TECHNOLOGY
12 B	INTERNATIONAL BUSINESS MACHINE CO	331 N	MASSACHUSETTS UNIVERSITY OF
412 B	INTERNATIONAL COMPUTING CO	438 F	MATRA CO
125 B	INTERNATIONAL HARVESTER CO	116 B	MAXWELL LABORATORIES INC
180 B	INTERNATIONAL LASER SYSTEMS INC	1 B	MCCONNELL DOUGLAS CORP
491 B	INTERNATIONAL PUBLIC POLICY RES	444 B	MEAD TECHNOLOGY LABORATORIES
28 B	INTERNATIONAL TELEPHONE & TEL CORP	495 B	MEASUREMENT CONCEPT CORP
111 B	INTERSTATE ELECTRONICS CORP	479 B	MECHANICAL TECHNOLOGY INC
295 N	IOWA UNIVERSITY OF	377 B	MERIDIAN GROUP
92 B	ITEK CORP	483 B	MERRIT J L CNSLT & SPEC ENGR SVS
452 B	JAMES RIVER GRAPHICS	119 B	METRIC SYSTEMS CORP
103 B	JAYCOR	282 N	MIAMI UNIVERSITY OF
13 N	JOHNS HOPKINS UNIVERSITY	499 N	MICHIGAN STATE UNIVERSITY
123 B	KAMAN AEROSPACE CORP	487 N	MICHIGAN TECHNOLOGICAL UNIVERSITY
116 B	KAMAN SCIENCES CORP	216 N	MICHIGAN UNIVERSITY OF
472 N	KANSAS UNIVERSITY OF	410 N	PICWEST RESEARCH INSTITUTE
454 B	KAPPA SYSTEMS INC	338 N	MINNESOTA UNIVERSITY OF
330 B	KARAGZIAN & CASE STRUCTURAL ENGRS	117 B	MISSION RESEARCH CORP
56 B	KENTRON HAWAII LTD	399 N	MISSOURI UNIVERSITY OF
248 B	KETRON INC	21 N	MITRE CORP
392 B	KEYSCOR CENTURY CORP	485 B	MONTANO RESEARCH CORP
179 B	KURAS ALTERMAN CORP	34 B	MOTOFOLA INC
302 B	L T V CORP	139 N	NATIONAL ACADEMY OF SCIENCES
169 B	LEAR SIEGLER INC	309 N	NATIONAL CNCL SCVET & EUROPE RSCH
363 N	LEHIGH UNIVERSITY	469 N	NATIONAL SCIENCE FOUNDATION
195 B	LIBRA TECHNOLOGY	304 F	NATIONAL TAIWAN UNIVERSITY HOSF
178 B	LINKABIT CORP	500 B	NETWORK ANALYSIS CORP
194 B	LITTLE ARTHUR D INC	417 N	NEVADA UNIVERSITY OF
177 B	LITTON INDUSTRIES INC	431 N	NEW HAMPSHIRE UNIVERSITY OF
46 B	LITTON SYSTEMS INC	258 B	NEW MEXICO INSTITUTE MINING & TECH
40 B	LOCKHEED CORP	129 N	NEW MEXICO STATE UNIVERSITY

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RANK + LIST *	CONTRACTOR	RANK + LIST *	CONTRACTOR
141 N	NEW MEXICO UNIVERSITY OF	352 E	POSEIDON RESEARCH
432 B	NEW TECHNOLOGY INC	142 E	FGTOPAC RESEARCH INC
256 N	NEW YORK POLYTECHNIC INSTITUTE	197 E	PRESEARCH INC
277 N	NEW YORK STATE UNIV RESEARCH FCLND	245 N	PRINCETON UNIVERSITY
761 N	NEW YORK UNIVERSITY	437 E	PRCEE SYSTEMS INC
134 B	NEMFORT NEWS SHIPPLD & DRY COCK CO	375 E	PROGRESS AEROSPACE ENTERPRISES INC
254 P	NICHOLS RESEARCH CORP	198 E	PROTOTYPE DEVELOPMENT INC
373 B	NIELSEN ENGINEERING & RESEARCH CO	272 N	PURDUE RESEARCH FOUNDATION
152 B	NORDEN SYSTEMS INC	198 E	QUEST RESEARCH CORP
416 B	NORTH AMERICAN PHILIPS CORP	314 E	QUESTRON CORP
498 N	NORTH CAROLINA STATE UNIVERSITY	65 E	R & D ASSOCIATES
441 N	NORTH CAROLINA UNIVERSITY OF	19 E	R C A CORP
746 N	NORTHEASTERN UNIVERSITY	46 N	RAND CORP
452 B	NORTHERN RESEARCH & ENGR CORP	362 E	RAYCON INDUSTRIES INC
26 B	NORTHROP CORP	7 E	RAYTECH CO
356 N	NORTHWESTERN UNIVERSITY	328 N	RENSSELAER POLYTECHNIC INSTITUTE
207 B	C R I INC	299 N	RESEARCH TRIANGLE INSTITUTE
396 B	OCEAN DATA SYSTEMS INC	298 N	RHODE ISLAND UNIVERSITY OF
216 N	OHIO STATE UNIV RESERCH FOUNDATION	360 P	RISI INDUSTRIES INC
426 N	OHIO STATE UNIVERSITY THE	176 N	RIVERSIDE RESEARCH INSTITUTE
250 N	OKLAHOMA STATE UNIVERSITY OF	78 N	ROCHESTER UNIVERSITY OF
336 B	OPERATING SYSTEMS INC	6 E	ROCKWELL INTERNATIONAL CORP
488 B	OPTICAL SCIENCES CO	37 E	ROHR INDUSTRIES INC
261 N	OREGON STATE UNIVERSITY	342 E	ROME RESEARCH CORP
356 B	ORINCON CORP	406 E	ROSENBAUM MAROLT ASSOCIATES INC
334 N	ORLANDO TECHNOLOGY INC	271 F	ROYAL NORWEGIAN NAVY MAT COMM
301 B	P E SYSTEMS INC	55 N	S R I INTERNATIONAL
164 N	PACCAF INC	421 E	S T RESEARCH CORP
317 B	PACER SYSTEMS INC	456 E	SACHS FREEMAN ASSOCIATES INC
457 N	PACIFIC ANALYSIS CORP	252 N	SALK INSTITUTE THE
191 B	PACIFIC SIERRA RESEARCH CORP	69 B	SANDERS ASSOCIATES INC
380 B	PACIFICA TECHNOLOGY	112 F	SANDERS ASSOCS & NORTHROP CORP JV
223 N	PALISADES GEOPHYSICAL INSTITUTE	205 E	SANGAM WESTON INC
411 N	PALISADES INSTITUTE	263 E	SANTA BARBARA RESEARCH CENTER
244 B	PARAMO DEVELOPMENT CORP	363 E	SANTA FE CORP
133 B	PARSONS RALPH P CO INC	246 E	SCHAFER W J ASSOCIATES INC
165 B	PATTERN ANALYSIS & RECOGNITION CO	39 E	SCIENCE APPLICATIONS INC
344 N	PEAT MARWICK MITCHELL & CO	490 E	SCIENTIFIC SYSTEMS INC
72 N	PENNSYLVANIA STATE UNIVERSITY	340 E	SCOPE ELECTRONICS INC
185 N	PENNSYLVANIA UNIVERSITY OF	96 E	SECCO SYSTEMS INC
228 B	PERCEPTRONICS INC	213 E	SEPCOR INC
122 B	PERKIN ELMER CORP	440 E	SIGNAL SCIENCE INC
327 B	PHOTO SONICS INC	322 E	SIGNATRON INC
781 B	PHYSICAL DYNAMICS INC	230 E	SIMULATION TECHNOLOGY INC
300 B	PHYSICAL SCIENCES CORP	43 E	SINGER CO
100 B	PHYSICS INTERNATIONAL CO	390 N	SMITHSONIAN INSTITUTION
234 N	PITTSBURGH UNIVERSITY OF	132 E	SOFTech INC
93 B	PLANNING RESEARCH CORP	448 E	SONALYSTS INC
285 B	PLANNING SYSTEMS INC	362 E	SONIC INSTRUMENTS INC
161 B	PNEUMO CORP	462 N	SOUTH CAROLINA UNIVERSITY OF

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RANK + LIST *	CONTRACTOR	RANK + LIST *	CONTRACTOR
285 N	SOUTHEASTERN CTR ELECT ENGR EDLC	292 B	TELEDYNE INC
85 N	SOUTHERN CALIFORNIA UNIVERSITY OF	50 F	TELEDYNE INDUSTRIES INC
385 B	SOUTHERN ELECTRICITY	321 N	TENNESSEE UNIVERSITY OF
227 N	SOUTHERN RESEARCH INSTITUTE	449 F	TERRA TEK INC
145 N	SOUTHWEST RESEARCH INSTITUTE	200 F	TETRA TECH INC
245 B	SPACE DATA CORP	736 N	TEXAS A & M RESEARCH FOUNDATION
365 B	SPACE VECTOR CORP	395 N	TEXAS A & M UNIVERSITY
251 B	SPACON CORP	29 F	TEXAS INSTRUMENTS INC
464 B	SPEAR ASSOCIATES INC	496 N	TEXAS TECHNOLOGICAL COLLEGE
427 B	SPECTRA RESEARCH SYSTEMS INC	70 N	TEXAS UNIVERSITY OF
320 B	SPERRY FLIGHT SYSTEMS	52 F	TEXTRON INC
30 B	SPERRY RAND CORP	45 F	THICKOL CORP
364 B	SPICE CORP	140 B	TRACOR INC
460 B	SPRINGFIELD LABORATORIES INC	265 F	ULTRASYSYSTEMS INC
123 B	STANFORD TELECOMMUNICATIONS INC	466 B	UNIDYNAMICS PHOENIX INC
91 N	STANFORD UNIVERSITY	274 F	UNITED KINGDOM MINISTRY OF DEFENCE
136 B	STEARNS ROGER INC	237 N	UNITED STATES COMMERCE DEPT
450 B	STEIN ASSOCIATES INC	351 N	UNITED STATES ENERGY DEPT
171 B	STENCHEL AERO ENGINEERING CORP	229 N	UNITED STATES NATL AERO SPACE AGY
400 B	STERLING WALTER V INC	11 F	UNITED TECHNOLOGIES CORP
726 N	STEVENS INSTITUTE OF TECHNOLOGY	159 N	UTAH STATE UNIVERSITY
15 B	SLMMA CORP	63 N	UTAH UNIVERSITY OF
450 B	SLMMA RESEARCH CORP	244 F	VALUE ENGINEERING CO
482 B	SIN CO INC	154 F	VARIAN ASSOCIATES
413 B	SYNECTICS CORP	181 B	VARC INC
311 B	SYNOPTIC SYSTEMS CORP	260 F	VECTOR RESEARCH INC
374 N	SYRACUSE RESEARCH CORP	247 F	VECA INC
226 N	SYRACUSE UNIVERSITY	414 F	VECA PRECISION LABORATORIES INC
290 N	SYRACUSE UNIVERSITY RESEARCH CORP	281 N	VIRGINIA POLYTECHNIC INSTITUTE
428 B	SYSTEM AUTOMATION CORP	407 N	VIRGINIA UNIVERSITY OF
61 B	SYSTEM DEVELOPMENT CORP	291 F	VISICORP INC
114 B	SYSTEM PLANNING CORP	22 F	VOUGHT CORP
224 B	SYSTEMATICS GENERAL CORP	439 F	VREDENBURG R M & CO
412 B	SYSTEMS & APPLIED SCIENCES CORP	337 F	WAGNER DANIEL M ASSOCIATES INC
121 B	SYSTEMS CONSULTANTS INC	102 N	WASHINGTON UNIVERSITY OF
167 B	SYSTEMS CONTROL INC	318 F	WATKINS JOHNSON CO
305 B	SYSTEMS ENGINEERING LABORATORIES	308 N	WAYNE STATE UNIVERSITY
787 B	SYSTEMS PLANNING & ANALYSIS INC	267 F	WEIDLING ASSOCIATES CONSULT ENGR
70 B	SYSTEMS RESEARCH LABORATORIES INC	267 N	WENTWORTH INSTITUTE
120 B	SYSTEMS SCIENCE & SOFTWARE	44 F	WESTERN ELECTRIC CO INC
437 B	SYSTEMS TECHNOLOGY INC	148 B	WESTERN GEAR CORP
195 B	T R & COLORADO ELECTRONICS INC	14 F	WESTINGHOUSE ELECTRIC CORP
0 B	T R M INC	206 F	WHITTAKER CORP
341 B	TECH-INC INTERNATIONAL	70 F	WILLIAMS RESEARCH CORP
288 B	TECHNOLOGY DEVELOPMENT CORP	236 N	WISCONSIN UNIVERSITY OF
275 B	TECHNOLOGY INC	131 N	WOODS HOLE OCEANOGRAPHIC INST
100 B	TECHNOLOGY SERVICE CORP	147 F	XEROX CORP
486 B	TELCOM SYSTEMS INC	492 F	XETEX
64 B	TELEDYNE BROWN ENGINEERING	282 B	YONICS INC
120 B	TELEDYNE C A E	235 N	YALE UNIVERSITY

\* F = BUSINESS FIRM  
F = FOREIGN CONTRACTOR  
N = NON-PROFIT INSTITUTION



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RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS	RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS
1	McCormell Douglas Corp Huntington EEB Long Beach Hawthorne Lowry AFB Washington Titusville St Charles St Louis Kirtland AFB White Sands MS	770,645 94,972 3,526 1,091 74 500 459 114 669,240 891 169	6	General Electric Co Philadelphia PA Valley Forge PA Hawthorne PA Burlington VT Arlington VA Ashland VA Waynesboro VA	13,256 735 71 1,370 454 57 17
2	PCE Inc CC Muntsville Vandenberg AFB Wichita Kirtland AFB Houston Everett Kent Seattle	679,110 9,564 691 111,620 213 829 21,432 9,377 526,765	7	Rockwell International Corp Fort Huachuca Alameda Anheim Canoga Park Comney El Segundo Los Angeles Newport Beach Santa Susana Seal Beach Thousand Oaks Van Nuys Cedar Rapids Kirtland AFB Giffiss AFB Columbus Weight Fatters Tulsa Dallas Richardson	322,070 60 140 51,683 51,217 52,545 240 24,051 6,046 575 10,253 7,420 566 12,070 61 123 55,032 55 15 2,627 1,125
3	General Dynamics Corp Pomona San Diego Groton Eglin AFB Albuquerque Kirtland AFB Fort Worth	491,547 400 110,689 210,466 35,927 251 75 2,684 123,245	8	Raytheon Co Muntsville Goleta Andover Bedford Lexington Lowell Sudbury Waltham Wayland Westborough Portsmouth	274,620 16 4,652 13,617 153,996 67 16,151 21,015 2,047 15,024 325 2,055
4	Hughes Aircraft Co Tucson Canoga Park Carlsbad Culver City El Segundo Fullerton Irvine Los Angeles Malibu Newport Beach San Diego Torrance Sault Ste Marie Mcloughlin AFB Seattle	428,926 2,046 233,277 325 70,719 22,021 70,953 1,190 3,201 3,722 485 72 4,288 29 61 557	9	Partin Marietta Corp Redstone Arsenal Vandenberg AFB Denver Watertown Orlando Baltimore Wamefield	257,631 76 15,313 56,620 2,345 170,010 542 4,925
5	General Electric Co Muntsville Williams AFB Pleasanton Santa Barbara Sunbury Washington Dayton Beach Beltsville Hanscom AFB Lyons Pittsfield West Lyons Wilkes-Barre Wyandotte Pinebluff Joplin City North Syracuse Schenectady Syracuse Utica Watertown Cincinnati Evendale Erie King of Prussia	332,025 262 600 100 2,201 257 344 9,506 60 2,343 11,116 12,050 106,470 635 46 916 2,342 50 59,237 25,761 6,972 162 22,053 14,755 55 26,795	10	T R W Inc Muntsville Lancaster Mountain View Newbury Park Norton AFB Reconoc Beach San Juan Capistrano Eglin AFB Hawthorne Albuquerque Jamestown Cleveland Philadelphia Langley AFB McLean Norfolk	247,042 444 25 95 11,374 41,595 165,117 2,350 200 422 41 30 160 64 143 15,764 166

\* \* \* PINUS AMOUNT (CANCELLATIONS EXCEED NEW AWARDS)  
S \* SMALL BUSINESS

# SECTION I - U. S. BUSINESS FIRMS

FISCAL YEAR 1979

RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS	RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS
10	LOCKHEED MISSILES & SPACE CO INC HUNTSVILLE ALABAMA PALO ALTO CALIFORNIA SUNNYVALE CALIFORNIA ALEQUERCUE NEW MEXICO MAGNA UTAH	188,796 2,206 7,829 170,811 48 18	28	HONEYWELL INC FRANCE SAN DIEGO CALIFORNIA WEST COVINA CALIFORNIA DENVER COLORADO ST PETERSBURG FLORIDA ANNAPOLIS MARYLAND SAINT INIGOES MARYLAND FRAMINGHAM MASS LEXINGTON MASS BLOOMINGTON MINNESOTA MORRIS MINNESOTA MINNEAPOLIS MINNESOTA NEW BRIGHTON MINNESOTA ST LOUIS PARK MINNESOTA MORSHAP PA HARRINGTON PA SEATTLE WASHINGTON	92,983 752 63 485 225 23,450 1,350 156 1,123 4,872 524 32,411 11,476 11,200 1,525 1,344 20 2,552
11	UNITED TECHNOLOGIES CORP CANADA SAN JOSE CALIFORNIA SUNNYVALE CALIFORNIA BRIDGEPORT CONN EAST HARTFORD CONN HARTFORD CONN ROFOLK CONN NORWALK CONN NORWICH CONN SOUTH WINDSOR CONN STRATFORD CONN WINDSOR LOCKS CONN WEST PALM BEACH FLORIDA KIRTLAND AFB NEW MEXICO GARDEN CITY NEW YORK PELVILLE NEW YORK FORT SILL OKLAHOMA FORT WASHINGTON PA	188,449 76 82 9,279 51 11,835 391 119 4,391 638 355 68,698 2,194 77,542 128 70 56 79 1,524	22	VOLVO CORP HONOLULU CITY HAWAII STERLING HEIGHTS MICHIGAN DALLAS TEXAS GRAND PRAIRIE TEXAS	84,125 232 223 22,753 327
12	INTERNATIONAL BUSINESS MACHINES CO HUNTSVILLE ALABAMA LOS ANGELES CALIFORNIA SAN DIEGO CALIFORNIA SAN JOSE CALIFORNIA WESTLAKE VILLAGE CALIFORNIA GAITHERSBURG MARYLAND KIRTLAND AFB NEW MEXICO HOFWELL JUNCT NEW YORK ONEO NEW YORK YORKTOWN HTS NEW YORK HARRINGTON PA HOUSTON TEXAS ARLINGTON VIRGINIA MANASSAS VIRGINIA	188,983 2,863 498 1,625 171 4,437 6,520 877 79 89,342 3,958 154 948 3,823 47,897	23	CHEVSELER CORP HUNTSVILLE ALABAMA CULVER CITY CALIFORNIA NEW ORLEANS LOUISIANA SLIDELL LOUISIANA CENTER LINE MICHIGAN DETROIT MICHIGAN STERLING HEIGHTS MICHIGAN LIPA OHIO	71,272 547 2,218 266 4,075 7,829 38 66,136 54
14	WESTINGHOUSE ELECTRIC CORP SUNNYVALE CALIFORNIA ANNAPOLIS MARYLAND BALTIMORE MARYLAND FORT PEACE MARYLAND HUNT VALLEY MARYLAND OHIOVILLE OHIO CHESWICK PA PITTSBURGH PA HARRINGTON PA WEST PITTSBURGH PA	123,344 11,646 814 45,663 348 1,782 25 1,485 4,388 62 67,219	24	G T E SYLVANIA INC ITALY T T PAC IS ANANEIM CALIFORNIA LOS ANGELES CALIFORNIA MOUNTAIN VIEW CALIFORNIA NEEDHAM MASS NEEDHAM HEIGHTS MASS WHITE SANDS MS NEW MEXICO SPRINGFIELD VIRGINIA CLAM LAKE WISCONSIN	77,229 1,721 6,778 112 4,932 22,564 3,213 38,747 221 188 288
15	SUPRA CORP REDCONE ARSENAL ALABAMA CULVER CITY CALIFORNIA	124,958 78 124,480	26	NORTHROP CORP HUNTSVILLE ALABAMA ANANEIM CALIFORNIA MANTHORNE CALIFORNIA PALOS VERDES E CALIFORNIA DES PLAINES ILLINOIS ROLLING MEADOW ILLINOIS NORWOOD MASS ARLINGTON VIRGINIA	64,953 399 21,113 30,585 588 553 5,365 5,635 631
16	ARC INC ARNDOLD ECC TENNESSEE	118,867 118,867	27	FORD AEROSPACE & COMMUNICATIONS IRVINE CALIFORNIA NEWPORT BEACH CALIFORNIA PALO ALTO CALIFORNIA	66,777 4,538 48,437 7,862
19	P C A CORP BURLINGTON MASS CAMDEN NEW JERSEY CHERRY HILL NEW JERSEY HIGHTSTOWN NEW JERSEY WOODRISTOWN NEW JERSEY PRINCETON NEW JERSEY SOPERVILLE NEW JERSEY NEWPORT RI SPRINGFIELD VIRGINIA	107,165 11,352 14,744 16,470 27 1,657 99,813 1,427 511 11 1,953	28	INTERNATIONAL TELEPHONE & TEL CORP COSTA MESA CALIFORNIA SANTA ANA CALIFORNIA VAN NUYS CALIFORNIA FORT WAYNE INDIANA CLIFTON NEW JERSEY NUTLEY NEW JERSEY PARAMUS NEW JERSEY ROANOKE VIRGINIA	57,948 58 16 174 3,276 38 91,854 48 2,450

- \* PLUS AMOUNT (CANCELLATIONS EXCEED NEW AWARDS)  
S \* SMALL BUSINESS



SECTION I - U. S. BUSINESS FIRMS  
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RANK	NAME OF CONTRACTOR AND LOCATION		THOUSANDS OF DOLLARS	RANK	NAME OF CONTRACTOR AND LOCATION		THOUSANDS OF DOLLARS
29	TEXAS INSTRUMENTS INC		56,884 *		SCIENCE APPLICATIONS INC		
	RIDGECREST	CALIFORNIA	223		FORT WALTON BE	FLORIDA	246
	EGLIN AFB	FLORIDA	54		STUART	FLORIDA	366
	KIRTLAND AFB	NEW MEXICO	21-		ATLANTA	GEORGIA	642
	DALLAS	TEXAS	56,548		SCHAMUNBURG	ILLINOIS	34
30	SPEERY RAND CORP		55,647 *		BEDFORD	MASS	116
	MUNTSVILLE	ALABAMA	3,456		BOSTON	MASS	54
	PHOENIX	ARIZONA	1,514		ANN ARBOR	MICHIGAN	155
	LOMECO	CALIFORNIA	2,640		MERCURY	NEVADA	148
	WASHINGTON	DC	35		ALBUQUERQUE	NEW MEXICO	1,887
	CLEARWATER	FLORIDA	1,238		KIRTLAND AFB	NEW MEXICO	17
	SUDBURY	MASS	270		DAYTON	OHIO	261
	MINNEAPOLIS	MINNESOTA	332		WRIGHT PATTERS	OHIO	189
	ST FALL	MINNESOTA	9,664		WAYNE	PA	251
	WHITE SANDS PS	NEW MEXICO	95		ARLINGTON	VIRGINIA	3,398
	GREAT NECK	NEW YORK	38,841		MCLEAN	VIRGINIA	8,325
	SOUTHAMPTON	PA	48		VIENNA	VIRGINIA	263
	WARRINSTER	PA	1,445	35	WILLIAMS RESEARCH CORP		42,444 *
	SALT LAKE CITY	UTAH	21-		WALLED LAKE	MICHIGAN	42,444
	ALEXANDRIA	VIRGINIA	78	40	LOCKHEED CORP		41,730 *
	FAIRFAX	VIRGINIA	1,988		BURBANK	CALIFORNIA	2,131
	RESTON	VIRGINIA	2,836		ONTARIO	CALIFORNIA	75-
31	GRUPPAN AEROSPACE CORP		54,450 *		PALO ALTO	CALIFORNIA	98
	BETHPAGE	NEW YORK	54,458		SALGUS	CALIFORNIA	163
32	AEROCJET GENERAL CORP		52,182 *		SUNNYVALE	CALIFORNIA	1,081
	AZUSA	CALIFORNIA	19,751		MARIETTA	GEORGIA	37,757
	CONNEY	CALIFORNIA	7,272		WARRINSTER	PA	10
	FULLERTON	CALIFORNIA	1,524		MILL AFB	UTAH	47
	MIRBUS	CALIFORNIA	465	41	E S L INC		40,402 *
	SACRAMENTO	CALIFORNIA	19,815		SUNNYVALE	GERMANY	559
	PANAMA CITY	FLORIDA	1,371			CALIFORNIA	30,944
	NEW ORLEANS	LOUISIANA	1,984	42	HARRIS CORP		36,752 *
33	F P C CORP		51,458 *		FORT WALTON BE	FLORIDA	275
	SAN JOSE	CALIFORNIA	48,987		PELUCURNE	FLORIDA	14,708
	SANTA CLARA	CALIFORNIA	775		PALM BEY	FLORIDA	21,666
	MINNEAPOLIS	MINNESOTA	1,716		ROCHESTER	NEW YORK	11
34	MOTOROLA INC		50,643 *		SYCESET	NEW YORK	58
	SCOTTSDALE	ARIZONA	34,516	43	SINGER CO		36,020 *
	TEMPE	ARIZONA	16,075		WILLIAMS AFB	ARIZONA	54
	CHINA LAKE	CALIFORNIA	52		GLENDALE	CALIFORNIA	24,518
35	AVCC CORP		46,761 *		SUNNYVALE	CALIFORNIA	46-
	STRATFORD	CONN	5,683		FAIRFIELD	NEW JERSEY	16-
	EVEFETT	MASS	847		LITTLE FALLS	NEW JERSEY	1,253
	LOWELL	MASS	886		WAYNE	NEW JERSEY	1,416
	WILMINGTON	MASS	39,885		BINGHAMTON	NEW YORK	7,112
36	ALTOPATION INDUSTRIES INC		45,185 *		STATE COLLEGE	PA	558
	EGLIN AFB	FLORIDA	19,247		HOUSTON	TEXAS	151
	SILVER SPRING	MARYLAND	25,438	44	WESTERN ELECTRIC CO INC		35,610 *
37	ACME INDUSTRIES INC		44,687 *		VANDENBERG AFB	CALIFORNIA	7,537
	CHULA VISTA	CALIFORNIA	39,447		WHIPPANY	NEW JERSEY	15,432
	MOUNTAIN VIEW	CALIFORNIA	28		BURLINGTON	NCAR	410
	PATIENT RIVER	MARYLAND	5,200		GREENSBORO	NCAR	6,973
38	SCIENCE APPLICATIONS INC		42,934 *		WINSTON SALEM	NCAR	6,278
	MUNTSVILLE	ALABAMA	5,889	45	TMICROL CORP		32,662 *
	TUCSON	ARIZONA	38		MUNTSVILLE	ALABAMA	4,722
	EL SEGUNDO	CALIFORNIA	1,222		ELKTON	MARYLAND	7,617
	IRVINE	CALIFORNIA	259		PRIGMAN CITY	UTAH	24,110
	LA JOLLA	CALIFORNIA	18,311		LOGAN	UTAH	151
	LOS ANGELES	CALIFORNIA	1,827	46	LITTON SYSTEMS INC		32,262 *
	PALC ALTO	CALIFORNIA	125		SAN CARLOS	CALIFORNIA	1,254
	PLEASANTON	CALIFORNIA	25		SUNNYVALE	CALIFORNIA	109
	SAN DIEGO	CALIFORNIA	559		VAN NUYS	CALIFORNIA	21,626
	SANTA ANA	CALIFORNIA	241		WOODLAND HILLS	CALIFORNIA	7,749
	SUNNYVALE	CALIFORNIA	25		COLLEGE PARK	PAPYLANC	1,077
	ENGLEWOOD	COLORADO	175		PASCAGOILLA	MASS	78
	WASHINGTON	DC	375		MORRIS PLAINS	NEW JERSEY	1,7
					MELVILLE	NEW YORK	2,169

\* = MINUS AMOUNT CANCELLATIONS EXCEED NEW AWARDS  
S = SMALL BUSINESS

# SECTION I - U. S. BUSINESS FIRMS

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RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS	RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS
	LITTON SYSTEMS INC				
	DALLAS TEXAS	20	56	GENERAL MOTORS CORP	22,984 *
	BLACKSBURG VIRGINIA	31		GOLETA CALIFORNIA	5,832
	SPRINGFIELD VIRGINIA	45		INDIANAPOLIS INDIANA	17,504
47	R C P CORP	21,611 *		SPEEDWAY INDIANA	456
	MUNTSVILLE ALABAMA	142		DETROIT MICHIGAN	60
	MONTREY CALIFORNIA	124		HARLEN MICHIGAN	23
	FORT WACK KENTUCKY	64	58	CUTLER WAMNER INC	22,924 *
	ALBUQUERQUE NEW MEXICO	7,676		DEER PARK NEW YORK	21,700
	KIRTLAND AFB NEW MEXICO	2,121		PARKINGALE NEW YORK	45
	WRIGHT PATTERS CHIO	1,449		MELVILLE NEW YORK	1,177
	MCLEAN VIRGINIA	19,428	59	KENTRON PANAZI LTD	22,624 *
	NORFOLK VIRGINIA	106		EDWARDS AFB CALIFORNIA	16,664
	VIENNA VIRGINIA	569		MILL AFB LYAN	5,351
48	GLOBAL ASSOCIATES	31,386 *			489
	T T PAC IS	31,386	60	BENDIX CORP	21,979 *
49	EMERSON ELECTRIC CO	38,156 *		NORTH HOLLYWOOD CALIFORNIA	6,849
	CALAPAS CALIFORNIA	294		SYLMAR CALIFORNIA	182
	OCEANSIDE CALIFORNIA	12		FORT LAUDERDAL FLORIDA	30
	CASSELBERRY FLORIDA	84		PISCATAWAY INDIANA	107
	ST LOUIS MISSOURI	29,766		DAVENPORT IOWA	54
50	TELECYNE INDUSTRIES INC	27,131 *		BALTIMORE MARYLAND	7,912
	COSTA MESA CALIFORNIA	1,170		COLUMBIA MARYLAND	130
	ACRTHWIDGE CALIFORNIA	17		YONSON MARYLAND	6,221
	SAN DIEGO CALIFORNIA	17,641		ANN ARBOR MICHIGAN	174
	MUSKEGON MICHIGAN	2,803		SOLTMFIELD MICHIGAN	201
	WHITE SANDS MS NEW MEXICO	1,146		EATONTOWN NEW JERSEY	76
	GARLAND TEXAS	1,942		PETERBORO NEW JERSEY	124
	MILL AFB UTAH	60		SIENY NEW YORK	40
	ALEXANDRIA VIRGINIA	2,316	61	SYSTEM DEVELOPMENT CORP	21,210 *
51	COMPUTER SCIENCES CORP	26,938 *		MUNTSVILLE ALABAMA	7,056
	MUNTSVILLE ALABAMA	4,244		HOFFETT FIELD CALIFORNIA	4,445
	DEL PAR CALIFORNIA	91		SANTA MONICA CALIFORNIA	7,210
	REDONDO BEACH CALIFORNIA	702		SUNNYVALE CALIFORNIA	183
	SAN DIEGO CALIFORNIA	1,803		EATONTOWN NEW JERSEY	132
	FORT WALTON BE FLORIDA	330		FORT MONMOUTH NEW JERSEY	524
	SILVER SPRING MARYLAND	127		WEST LONG BRAN NEW JERSEY	463
	REDFORD MASS	1,090		DAYTON OHIO	877
	FORT MONMOUTH NEW JERSEY	2,986		MCLEAN VIRGINIA	3,500
	POCRESTOWN NEW JERSEY	3,140	62	CONTROL DATA CORP	14,882 *
	ALBUQUERQUE NEW MEXICO	181			1,980
	KIRTLAND AFB NEW MEXICO	60		MUNTSVILLE ALABAMA	34
	MUNTINGOON PA	602		MONTREY CALIFORNIA	100
	FALLS CHURCH VIRGINIA	12,500		SAN DIEGO CALIFORNIA	359
52	TEXTRON INC	24,550 *		ROCKVILLE MARYLAND	124
	DELFOY CALIFORNIA	66		ARLEN HILLS MINNESOTA	177
	PACIFICA CALIFORNIA	10		MINNEAPOLIS MINNESOTA	15,547
	CHEMUR COGN	2,455		FORT MONMOUTH NEW JERSEY	456
	WATERBURY COGN	26		ARLINGTON VIRGINIA	55
	EGLIN AFB FLORIDA	494	64	TELECYNE BROWN ENGINEERING	15,957 *
	PANAMA CITY FLORIDA	4,701		MUNTSVILLE ALABAMA	15,415
	NEW ORLEANS LOUISIANA	551		COSTA MESA CALIFORNIA	200
	BUFFALO NEW YORK	768		FORT WALTON BE FLORIDA	318
	WHEATFLO NEW YORK	4,000		COLLEGE PARK MARYLAND	20
	FORT WORTH TEXAS	11,782		SILVER SPRING MARYLAND	20
	MURST TEXAS	85	65	R & C ASSOCIATES	15,510 *
53	HERCULES INC	24,985 *		LOS ANGELES CALIFORNIA	125
	WILMINGTON DELAWARE	39		MARINA DEL REY CALIFORNIA	12,846
	FORT WALTON BE FLORIDA	301		KIRTLAND AFB NEW MEXICO	1,690
	MCGREGOR TEXAS	250		ARLINGTON VIRGINIA	1,110
	BAGGUS UTAH	85	66	GARRETT CORP	15,346 *
	MAGNA UTAH	20,000		PHOENIX ARIZONA	7,740
	ROCKET CENTER NVA	3,022		LOS ANGELES CALIFORNIA	323
				TORRANCE CALIFORNIA	7,153
				DELPAI NEW JERSEY	71

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S = SMALL BUSINESS

SECTION I - U. S. BUSINESS FIRMS  
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RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS	RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS
66	SANDERS ASSOCIATES INC MANCHESTER NH HERRIMACK NH NASHUA NH	15,128 * 97 1,929 13,894	89	LOGICOM INC WRIGHT PATTERS OHIO	3,059
71	BCEING VERTCL CO PHILADELPHIA PA RIDLEY PA RICLEY PARK PA	14,678 * 2,094 409 11,287	89	ECO CORP COLLEGE POINT NEW YORK	11,355 * 11,355
73	FAIRCHILD INDUSTRIES INC MANHATTAN BEAC CALIFORNIA GERMANTOWN MARYLAND FARMINGDALE NEW YORK SYOSSET NEW YORK	14,588 * 95 2,052 12,212 141	90	GENERAL RESEARCH CORP MUNTSVILLE ALABAMA SANTA BARBARA CALIFORNIA WASHINGTON DC FORT WALTON BE FLORIDA MCLEAN VIRGINIA	11,164 * 2,677 6,532 168 119 1,616
74	CYNALECTRON CORP ALBUQUERQUE NEW MEXICO MCELLOMAN AFB NEW MEXICO KIPPLAND AFB NEW MEXICO WRIGHT PATTERS OHIO	14,328 * 888 4,888 8,279 433	92	ITEK CORP CARLSBAD CALIFORNIA SUNNYVALE CALIFORNIA LEXINGTON MASS	10,433 * 18 820 9,595
75	CALSAN CORP BUFFALO NEW YORK WRIGHT PATTERS OHIO	14,228 * 8,658 5,562	93	PLANNING RESEARCH CORP CAMP PENCLYTON CALIFORNIA BEGFORD MASS OFFUTT AFB NEBRASKA FORT MONMOUTH NEW JERSEY WRIGHT PATTERS OHIO SAA ANTONIO TEXAS MCLEAN VIRGINIA	10,146 * 150 1,664 210 4,135 869 160 25 2,559
79	SYSTEMS RESEARCH LABORATORIES INC CASTLE AFB CALIFORNIA GRIFFISS AFB NEW YORK DAYTON OHIO WRIGHT PATTERS OHIO NEW-ORT NEWS VIRGINIA	12,438 * 161 1,357 3,788 6,974 118	94	EUNKER LAMO CORP WESTLAKE VILLA CALIFORNIA DANBURY CONN EGLIN AFB FLORIDA GRIFFISS AFB NEW YORK	10,326 * 9,647 44 100 15
80	AVCC ENERGY RESEARCH LABORATORY MALI HAWAII EVERETT WASH	12,414 * 4,765 7,649	95	BCCZ ALLEN & HAMILTON INC SAA DIEGO CALIFORNIA WASHINGTON DC FORT WALTON BE FLORIDA PETWESCA MARYLAND MANSCOP AFB MASS NEW SHRENSBURY NEW JERSEY	9,662 * 150 170 15 6,655 673 1,754
81	GOLLE INC EL MONTE CALIFORNIA OXNARD CALIFORNIA ROLLING MEADOWS ILLINOIS GLEN PURDIE MARYLAND CLEVELAND OHIO	12,045 * 93 56 85 10,440 1,371	96	SECCO SYSTEMS INC FARMINGDALE NEW YORK MELVILLE NEW YORK	9,476 * 69 9,357
82	GCCCYEAR AERUSPACE CORP LITCHFIELD PARK ARIZONA FORT WAYNE INDIANA AKRON OHIO FORT BELVOIR VIRGINIA	11,977 * 5,589 22 6,311 55	98	ANALYTIC SCIENCES CORP REACING MASS ARLINGTON VIRGINIA	9,280 * 9,129 141
83	A & I CORP AREGREEN PROV MARYLAND BALTIMORE MARYLAND COCKEYSVILLE MARYLAND	11,985 * 58 981 10,946	99	I T T GILFILLAN INC VAN NUYS CALIFORNIA	9,269 * 9,269
84	HAZELTINE CORP AVON MASS DRAINTREE MASS GREENLAWN NEW YORK	11,980 * 3,453 889 7,598	100	PHYSICS INTERNATIONAL CC SAN LEANDRO CALIFORNIA	9,199 * 9,199
86	SINGER INC WRIGHT PATTERS OHIO STATE COLLEGE PA	11,612 * 360 11,252	101	PAGNAVOT GOVT & INDUSTRIAL ELEC CO TORRANCE CALIFORNIA FORT WAYNE INDIANA PAMMAN NEW JERSEY MCNTVLE NEW JERSEY PHILADELPHIA PA	9,052 * 4,662 1,770 2,422 122 26
87	HCLT HERAEN & NEWMAN INC CANOGA PARK CALIFORNIA CAPORIDGE MASS ARLINGTON VIRGINIA	11,492 * 185 11,286 181	103	JAYCOR CEL MAR CALIFORNIA WASHINGTON DC ALEXANDRIA VIRGINIA	8,616 * 4,612 645 2,759
88	LOGICOM INC SAN DIEGO CALIFORNIA SAN PLERO CALIFORNIA YORBALENCE CALIFORNIA MANSCOP AFB MASS LEXINGTON MASS	11,381 * 2,997 4,495 527 226 77	104	ARES INC PORT CLINTON OHIO	8,612 * 8,612

\* = MINUS AMOUNT CANCELLATIONS EXCEED NEW AWARDS  
S = SMALL BUSINESS

SECTION I - U. S. BUSINESS FIRMS  
FISCAL YEAR 1979

Rank	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS	Rank	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS
106	CAPPELL ALLEN M YUMA KIRTLAND AFB	8,246 * 1,723 6,563		PERKIN ELMER CORP SILVER SPRING NEPTUNE CITY KIRTLAND AFB	64 16 22
108	TECHNOLOGY SERVICE CORP SANTA MONICA SILVER SPRING	8,173 * 8,143 30	123	STANFORD TELECOMMUNICATIONS INC MOUNTAIN VIEW PLEASANTON SUNNYVALE	S 6,783 * 282 213 6,268
109	I T T & WESTINGHOUSE JV MUTLEY	8,136 * 8,136	124	E SYSTEMS INC ST PETERSBURG DALLAS GARLAND GREENVILLE FALLS CHURCH NORFOLK	6,752 * FLORIDA TEXAS TEXAS TEXAS VIRGINIA VIRGINIA 449
110	MAGNAVOX CO TORRANCE FORT WAYNE HAWAII PHILADELPHIA	8,046 * 5,877 2,381 36 472	125	AMERICAN ELECTRONIC LABS INC FORT MONMOUTH HALL TOWNSHIP COLMAR LANSCALE MONTGOMERYVILLE	6,742 * NEW JERSEY NEW JERSEY PA PA PA 55 100 3,418 472 2,156
111	LOCAL CORP YONKERS	8,024 * 8,024	126	CURTISS WRIGHT CORP WOOD RIDGE	6,644 * NEW JERSEY 6,644
112	SANCERS ASSOCS & MCMATH COOP JV HASTUA	8,023 * 8,023	127	LOCKHEED SHIPBUILDING CONSTRUCTION SEATTLE	6,629 * WASHINGTON 6,629
113	INTERSTATE ELECTRONICS CORP ANAPHEIN HARRINGTON	7,959 * 7,944 19	128	SYSTEMS SCIENCE & SOFTWARE MAYMANC LA JOLLA SAN DIEGO RESTON	S 6,405 * CALIFORNIA CALIFORNIA CALIFORNIA VIRGINIA 47 4,594 1,628 85
114	SYSTEM PLANNING CORP MUNTSVILLE ARLINGTON	S 7,846 * 125 7,721	130	FLIGHT SYSTEMS INC MCJAVE NEWPORT BEACH WHITE SANDS MS ARLINGTON	S 6,225 * CALIFORNIA CALIFORNIA NEW MEXICO VIRGINIA 2,740 2,722 1,022 120
115	POEING WEOSPACE CO MUNTSVILLE SUNNYVALE HOUSTON KENT SEATTLE	7,793 * 80 690 16 87 6,968	132	SOFTTECH INC TORRANCE WALTHAM GRIFFISS AFB WRIGHT PATTERS	S 6,111 * CALIFORNIA MASS NEW YORK OHIO 59 4,661 269 1,166
116	MAXWELL LABORATORIES INC LOS ANGELES SAN DIEGO ALBUQUERQUE KIRTLAND AFB	S 7,732 * 27 7,112 390 240	133	PARSONS PALPH & CO INC PASADENA	CALIFORNIA 5,932 * 5,932
117	MISSION RESEARCH CORP LA JOLLA SAN DIEGO SANTA BARBARA ALBUQUERQUE KIRTLAND AFB	S 7,732 * 247 899 4,175 2,894 357	134	NEWPORT NEWS SHIPBLD & DRY DOCK CO NEWPORT NEWS	CALIFORNIA 5,913 * VIRGINIA 5,913
118	KAPPA SCIENCES CORP COLORADO SPRGS BURLINGTON	7,468 * 6,845 615	136	STEARNS ROGER INC VAANDENBERG AFB CAPE CANAVERAL	CALIFORNIA 5,568 * FLORIDA 388
119	METRIC SYSTEMS CORP FORT WALTON BE	S 7,192 * 7,192	138	PAPOUARDT CO VAN NUYS	CALIFORNIA 5,572 * 5,572
120	TELECYNE C A E TOLEDO	7,080 * 7,080	140	TRACOR INC NEW LONDON PORT EVERGLADE ROCKVILLE AUSTIN ARLINGTON MIDDLETON	CALIFORNIA 5,482 * CONN FLORIDA MARYLAND TEXAS VIRGINIA WISCONSIN 38 475 270 3,867 420 11
121	SYSTEMS CONSULTANTS INC WASHINGTON DAYTON NEWPORT ARLINGTON ROSSLYN	6,935 * 5,726 211 808 106 124			
122	PERKIN ELMER CORP COSTA MESA POMONA SOUTH PASADENA GANNETT NORWALK WILTON	6,838 * 15 38 17 38 3,889 3,884			

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142	PCTC/PAG RESEARCH INC WASHINGTON DC PANAMA CITY FLORIDA ALEXANDRIA VIRGINIA BAILEYS CROSS VIRGINIA MCLEAN VIRGINIA WARRENTON VIRGINIA	S 5,489 154 28 50 1,428 3,767 18	164	PACCAR INC RENTON WASHINGTON	4,037 4,037
143	CINCINNATI ELECTRONICS CORP WHITE SANDS P-5 CINCINNATI OHIO	5,298 80 5,230	165	PATTERN ANALYSIS & RECOGNITION CO ROPE NEW YORK	S 3,953 3,953
144	CUEIC CORP SAN DIEGO CALIFORNIA	5,285 5,285	166	ANALYTICS INC MANSCON AFB MASS NEW SHREWSBURY NEW JERSEY WILLOW GROVE PA MCLEAN VIRGINIA	S 3,977 236 507 2,377 857
147	XEROX CORP PALO ALTO CALIFORNIA PASADENA CALIFORNIA	5,088 85 5,023	167	SYSTEMS CONTROL INC PALO ALTO CALIFORNIA	S 3,934 3,934
148	WESTERN GEAR CORP CITY OF INDUSTRY JAMESTOWN NDAK	5,002 52 4,998	168	ATLANTIC RESEARCH CORP ROPE NEW YORK ALEXANDRIA VIRGINIA GAINESVILLE VIRGINIA	3,922 750 1,916 1,240
149	E E & G INC ROCKVILLE MARYLAND SALFORD PASS NEW MEXICO ALBUQUERQUE NEW MEXICO KIRTLAND AFB NEW MEXICO	5,078 4,865 234 748 11	169	LEAR SIEGLER INC SANTA MONICA CALIFORNIA EGLIN AFB FLORIDA GRAND RAPIDS MICHIGAN MAPLE HEIGHTS OHIO	3,858 61 1,234 1,715 344
150	HENNINGSTON DUNHAM RICHARDSON SANTA BARBARA CALIFORNIA	5,069 5,069	170	FAIRCHILD CAMERA & INSTRUMENT CORP MOUNTAIN VIEW CALIFORNIA PALO ALTO CALIFORNIA SYOSSET NEW YORK	3,804 51 48 3,713
151	FUEEC NATIONAL INC LONG BEACH CALIFORNIA	S 5,029 5,029	171	STENCEL AERO ENGINEERING CORP ASHEVILLE NCAR	3,752 3,752
152	WORDEN SYSTEMS INC NORWALK CONNECTICUT MELVILLE NEW YORK	4,936 3,117 1,799	172	BRUNSWICK CORP COSTA MESA CALIFORNIA DE LAND FLORIDA LINCOLN NEBRASKA WILLARD OHIO MARION VIRGINIA	3,771 1,016 1,132 291 61 421
153	BENDIX FIFTE ENGINEERING CORP COLUMBIA MARYLAND HERCULEY NEVADA	4,989 3,974 939	174	COPMANT CONTROL & COMPLICATION REGSTONE ARSEN ALABAMA LOPITA CALIFORNIA PORT POMPOUTH NEW JERSEY	S 3,566 40 3,200 321
154	VARIAN ASSOCIATES PALO ALTO CALIFORNIA CHEVERLY MARYLAND BEVERLY MASS SALT LAKE CITY UTAH	4,866 4,377 75 316 10	175	BUERBACH ASSOCIATES INC PHILADELPHIA PA ARLINGTON VIRGINIA	S 3,556 25 3,534
155	T R & COLORADO ELECTRONICS INC COLORADO SPRGS COLORADO	4,864 4,864	177	LITTON INDUSTRIES INC SAN CARLOS CALIFORNIA VAN NUYS CALIFORNIA WOODLANE HILLS CALIFORNIA COLLEGE PARK MARYLAND PASCAGOULA MISS MORRIS PLAINS NEW JERSEY	3,263 765 1,110 84 228 520 224
156	ANALYTICAL SYSTEMS ENGR CORP BEDFORD MASS BURLINGTON MASS	S 4,858 1,638 3,220	178	LINKBIT CORP SAN DIEGO CALIFORNIA	S 3,160 3,160
157	ARINC RESEARCH CORP SAN DIEGO CALIFORNIA SANTA ANA CALIFORNIA ANNAPOLIS MARYLAND	4,632 825 1,169 2,628	179	KURAS ALTERMAN CORP FAIRFIELD NEW JERSEY WAYNE NEW JERSEY ARLINGTON VIRGINIA	3,360 952 2,266 122
160	CHAMBERLAIN MFG CORP WATERLOO IOWA NEW BEDFORD MASS	4,274 4,281 73	180	INTERNATIONAL LASER SYSTEMS INC ORLANDO FLORIDA KIRTLAND AFB NEW MEXICO	3,317 2,295 1,112
161	PNEUPO CORP KALAMAZOO MICHIGAN	4,182 4,182			
162	ENSCC INC INDIAN HARBOUR FLORIDA NORFOLK VIRGINIA SPRINGFIELD VIRGINIA	S 4,156 598 75 3,491			

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SECTION I - U. S. BUSINESS FIRMS  
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RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS	RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS
181	VARO INC GARLAND TEXAS	3,322 *	205	SARGENT WESTON INC SARASOTA FLORIDA	2,633 *
183	MAPAN AEROSPACE CORP MILFORD CONN	3,281 *	206	CAPTECH INC SIERRA MADRE CALIFORNIA	2,612 *
184	ELKROUGHS CORP Torrance CALIFORNIA MECHANICSBURG PA PAOLI PA	3,280 * 288 10 2,998	207	C R I INC WASHINGTON DC SILVER SPRING MARYLAND	2,578 * 78 2,588
186	DYNAMICS RESEARCH CORP MILFORD MASS	3,899 * 3,899	208	INTERMETRICS INC LONG BEACH CALIFORNIA CAMBRIDGE MASS WRIGHT PATTERS OHIO WARRINSTER PA	2,568 * 388 1,658 422 38
188	CUEST RESEARCH CORP MCLEAN VIRGINIA	3,854 * 3,854	209	WHITTAKER CORP CHATHAM NORTH CALIFORNIA NORTH HOLLYWOOD CALIFORNIA	2,463 * 2,378 89
189	INTERNATIONAL HARVESTER CO SAN DIEGO CALIFORNIA MILWAUKEE ILLINOIS	2,947 * 2,882 89	210	EASTMAN KODAK CO NEW YORK NEW YORK ROCHESTER NEW YORK	2,415 * 262 2,117
190	COMPUTER CORP OF AMERICA CAMBRIDGE MASS ARLINGTON VIRGINIA	2,941 * 1,845 1,296	212	HUGHES RESEARCH LABORATORIES PALMDALE CALIFORNIA	2,385 * 2,289
191	PACIFIC SIERRA RESEARCH CORP SANTA MONICA CALIFORNIA DAYTON OHIO	2,923 * 2,898 25	213	SEPCOR INC MOORESTOWN NEW JERSEY	2,381 * 2,381
192	C R A SYSTEMS INC INDIANAPOLIS INDIANA MELBOURNE FLORIDA	2,920 * 168 2,782	214	BALL BROS RESEARCH CORP BOULDER COLORADO	2,298 * 2,298
193	CACHE CORP DORVILLE GEORGIA	2,913 * 2,913	217	EFFECTS TECHNOLOGY INC SANTA BARBARA CALIFORNIA	2,223 * 2,223
194	LITTLE ARTHUR D INC CAMBRIDGE MASS NEW ORLEANS LA	2,897 * 2,884 33	218	B C R SERVICES CO FORT ORD CALIFORNIA STOCKBRIDGE NEW YORK WRIGHT PATTERS OHIO MCLEAN VIRGINIA	2,221 * 66 18 12 2,153
195	LOCKHEED ELECTRONICS CO INC PLAINFIELD NEW JERSEY	2,892 * 2,892	220	DYNETICS INC MUNTSVILLE ALABAMA	2,219 * 2,219
196	ADVANCED TECHNOLOGY INC SAN DIEGO CALIFORNIA MCLEAN VIRGINIA	2,848 * 38 2,810	221	HYDRONAUTICS INC LAUREL MARYLAND	2,125 * 2,125
197	PRESEARCH INC PANAMA CITY FLORIDA ARLINGTON VIRGINIA	2,823 * 84 2,739	222	ARGO SYSTEMS INC PALO ALTO CALIFORNIA SUNNYVALE CALIFORNIA	2,124 * 1,139 985
198	PROTOTYPE DEVELOPMENT INC SANTA ANA CALIFORNIA	2,788 * 2,788	224	SYSTEMATICS GENERAL CORP FALLS CHURCH VIRGINIA	2,182 * 2,182
199	LITTECH TECHNOLOGY ROCKVILLE MARYLAND	2,727 * 2,737	228	PERCEPTIONS INC WOODLAND HILLS CALIFORNIA	2,054 * 2,054
200	TETRA TECH INC POPPETT FIELD CALIFORNIA PASADENA CALIFORNIA SAN DIEGO CALIFORNIA ARLINGTON VIRGINIA	2,732 * 17 416 798 1,581	230	SIMULATION TECHNOLOGY INC DAYTON OHIO ANTIOCH TENNESSEE	2,815 * 1,969 46
203	ACUREX CORP MONROVIA CALIFORNIA MOUNTAIN VIEW CALIFORNIA DAYTON OHIO WRIGHT PATTERS OHIO	2,688 * 147 2,281 125 97	231	ELECTRO SPACE SYSTEMS INC RICHMOND TEXAS	2,088 * 2,088
204	BOCZ ALLEN APPLIED RESEARCH INC SAN DIEGO CALIFORNIA FORT WALTON BEACH FLORIDA BETHESDA MARYLAND	2,641 * 88 96 2,457	232	ANALYSIS & TECHNOLOGY INC GROTON CONN STONINGTON CONN WORFOLK VIRGINIA VIRGINIA BEACH VIRGINIA	1,998 * 84 1,782 185 26

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238	MAN TECH CORP PATUXENT RIVER MARYLAND ROCKVILLE MARYLAND LIVINGSTON NEW JERSEY WRIGHT PATTERSON OHIO ALEXANDRIA VIRGINIA ARLINGTON VIRGINIA NORFOLK VIRGINIA	S 1,927 125 732 346 78 48 529 77	262	DECISIONS & DESIGNS INC MCLEAN VIRGINIA	S 1,686 1,686
239	FALCON RESEARCH & DEVELOPMENT CO DENVER COLORADO BALTIMORE MARYLAND BUFFALO NEW YORK	1,928 634 1,248 28	262	WEIDINGER ASSOCIATES CONSULT ENGR MENLO PARK CALIFORNIA NEW YORK NEW YORK	S 1,584 368 1,224
240	KEYTRON INC WAYNE PA ARLINGTON VIRGINIA	S 1,919 775 1,140	264	DIKEWOOD INDUSTRIES INC WESTWOOD CALIFORNIA ALBUQUERQUE NEW MEXICO KIRTLAND AFB NEW MEXICO	S 1,576 538 389 725
241	EDUCATIONAL COMPUTER CORP ORLANDO FLORIDA	S 1,911 1,911	265	ULTRASYS INC IRVINE CALIFORNIA NORTON AFB CALIFORNIA	S 1,569 682 682
242	ELECTROSPACE SYSTEMS INC RICARDSON TEXAS ARLINGTON VIRGINIA	S 1,911 1,897 14	266	BELL & HOWELL CO PASADENA CALIFORNIA CHICAGO ILLINOIS	1,547 1,148 399
243	VECA INC CAMARILLO CALIFORNIA SAN DIEGO CALIFORNIA SOUTHAMPTON PA ARLINGTON VIRGINIA	S 1,905 112 571 27 1,195	268	VECTOR RESEARCH INC ANN ARBOR MICHIGAN	S 1,530 1,520
244	VALUE ENGINEERING CO SAN DIEGO CALIFORNIA WEST LANE NEW JERSEY ALEXANDRIA VIRGINIA	1,896 22 18 1,896	270	ANALYSIS & COMPUTER SYSTEMS INC BEDFORD MASS BURLINGTON MASS	S 1,516 1,456 68
246	SCHAFER & J ASSOCIATES INC PARPLEHEAD MASS WAKEFIELD MASS	S 1,876 492 1,364	272	ELECTRONIC COMMUNICATIONS INC ST PETERSBURG FLORIDA	1,456 1,456
247	FARANO DEVELOPMENT CORP GRAND JUNCTION COLORADO	S 1,828 1,828	275	TECHNOLOGY INC DAYTON OHIO BROOKS AFB TEXAS HOUSTON TEXAS SAN ANTONIO TEXAS	S 1,451 704 512 65 158
249	SPACE DATA CORP PHOENIX ARIZONA TEMPE ARIZONA	S 1,797 1,712 75	279	ASSURANCE TECHNOLOGY CORP CARLSLE MASS	S 1,428 1,428
251	SPARTON CORP JACKSON MICHIGAN	1,755 1,755	282	XONICS INC EL SEGUNDO CALIFORNIA LOS ANGELES CALIFORNIA VAN NUYS CALIFORNIA	S 1,411 913 237 261
251	MAI INC PANAMA CITY FLORIDA ROCKVILLE MARYLAND ARLINGTON VIRGINIA	S 1,751 185 1,498 75	283	SANTA BARBARA RESEARCH CENTER GOLETA CALIFORNIA	1,405 1,405
254	NICHOLS RESEARCH CORP MUNTSVILLE ALABAMA	S 1,743 1,743	284	A L S ELECTRONICS CORP ANALHEIM CALIFORNIA	1,354 1,354
256	AUSTIN RESEARCH ASSOCIATES AUSTIN TEXAS	S 1,728 1,728	285	PLANNING SYSTEMS INC MCLEAN VIRGINIA	S 1,358 1,358
257	CACI INC FEDERAL ARLINGTON VIRGINIA	S 1,719 1,719	286	ARETE ASSOCIATES INC SANTA MONICA CALIFORNIA	S 1,366 1,366
259	DIAGNOSTIC RETRIEVAL SYSTEMS INC MOUNT VERNON NEW YORK	S 1,698 1,698	288	TECHNOLOGY DEVELOPMENT CORP MUNTSVILLE ALABAMA ARLINGTON TEXAS	S 1,325 317 1,288
260	FIRESTONE TIRE & RUBBER CO AKRON OHIO	1,698 1,698	291	VISIDYNE INC BURLINGTON MASS	S 1,285 1,285
			292	TELEDYNE INC NORTHIDGE CALIFORNIA SAN DIEGO CALIFORNIA NASHUA NH	1,272 713 547 12
			293	HEADPET INC TULSA OKLAHOMA	S 1,267 1,267

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294	HYPERSCIENCE INC FORT LAUDERDALE DALLAS TEXAS	1,240 * 547 643	320	SPERRY FLIGHT SYSTEMS PHOENIX ARIZONA	1,062 * 1,062
295	FLINCHBAUGH PRODUCTS INC HAWORTH RED LICH WINSTON PA	1,215 * 690 422 29	322	SIGNATRON INC LEXINGTON MASS	1,052 * 1,052
297	AERONAUTICAL RESEARCH PORT REPUBLIC PRINCETON ASSOCIATES NEW JERSEY NEW JERSEY	1,203 * 62 1,141	323	ELECTRONIC WARFARE ASSOCIATES MCLEAN VIRGINIA	1,046 * 1,046
300	PHYSICAL SCIENCES CORP WAKEFIELD MORRIS MASS	1,100 * 263 925	324	DYNELL ELECTRONICS CORP MELVILLE NEW YORK	1,036 * 1,039
301	P E SYSTEMS INC SAN DIEGO ALEXANDRIA VIRGINIA	1,105 * 430 755	325	INCO INC ENT AFB MCLEAN COLORADO VIRGINIA	1,036 * 705 321
302	L T V CORP CAL AS TEXAS	1,101 * 1,101	327	PHOTO SONICS INC BUREAU CALIFORNIA	1,025 * 1,025
303	CELEST SYSTEMS INC VIENNA VIRGINIA	1,103 * 1,103	329	EPERSON & CUMMINS INC CANTON MASS	1,020 * 1,020
304	SYSTEMS ENGINEERING LABORATORIES WILLIAMS AFB FORT LAUDERDALE FLORIDA	1,100 * 1,131 10	330	KARAGZIAN & CASE STRUCTURAL ENGINEERS LOS ANGELES CALIFORNIA	1,010 * 1,010
306	E P F CORP SEATTLE WASHINGTON	1,102 * 1,102	332	GEODYNAMICS CORP SANTA BARBARA TORRANCE CALIFORNIA	993 * 896 54
307	ENERGY RESEARCH CORP BETHEL COCON	1,101 * 1,101	334	ORLANDO TECHNOLOGY INC ORLANDO SMALLER FLORIDA FLORIDA	987 * 926 161
308	AEROCYNE RESEARCH INC REDFORD MASS	1,100 * 1,100	337	WAGNER DANIEL & ASSOCIATES INC PAOLI PA	976 * 976
310	E K DYNAMICS INC GAITHERSBURG ROCKVILLE MARYLAND MARYLAND	1,100 * 1,124 * 90 1,074	339	OPERATING SYSTEMS INC SAN DIEGO TANZANIA WOODLAND HILLS CALIFORNIA	973 * 93 969 391
311	SYNAPTIC SYSTEMS CORP FALLS CHURCH VIRGINIA	1,117 * 1,117	340	SCOPE ELECTRONICS INC RESTON VIRGINIA	971 * 971
312	C A R INC NEEDHAM NEEDHAM HEIGHT MASS	1,100 * 62 1,037	341	TECHNIO INTERNATIONAL PANAMA	970 * 970
313	PIPER TECHNOLOGY INC MAPLETON UTAH	1,100 * 1,100	342	ADVANCED RESEARCH & APPL CORP SUNNYVALE CALIFORNIA	965 * 965
314	ELECTRON CORP EL SEGUNDO SAN DIEGO CALIFORNIA CALIFORNIA	1,100 * 712 393	343	COV ASSOCIATES ROCKVILLE MARYLAND	964 * 964
315	MORTONS TECHNOLOGY INC SAN DIEGO CALIFORNIA	1,090 * 1,090	344	PEAT HARVEY MITCHELL & CO WASHINGTON DC	963 * 963
316	HYCOR INC MORRIS MASS	1,090 * 1,090	346	P B ASSOCIATES SAN RANCHO CALIFORNIA	957 * 957
317	PACER SYSTEMS INC LOS ANGELES BURLINGTON MASS FORT WASHINGTON PA	1,090 * 249 292 949	347	RETAC CORP ARLINGTON VIRGINIA	955 * 955
318	MATKINS JONASON CO PALO ALTO GAITHERSBURG MARYLAND	1,075 * 867 280	348	ROME RESEARCH CORP GRIFPIS AFB ROME NEW YORK NEW YORK	951 * 863 250
			349	I R T CORP SAN DIEGO CALIFORNIA	940 * 940
			352	CANYON RESEARCH GROUP INC WESTLAKE VILLA CALIFORNIA	922 * 922

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354	WERNER CO WASHINGTON DC	911 *	384	APPLIED SCIENCE ASSOCIATES INC APEX NCAR VALENCIA PA	798 * 173 625
355	P & S COMPUTING INC MUNTSVILLE ALABAMA MADISON ALABAMA	900 * 324 504	385	SOUTHERN ELECTRICITY MUNTSVILLE ALABAMA	757 * 757
356	ORINCON CORP LA JOLLA CALIFORNIA	901 * 901	386	ESSEX CORP FORT HUACMCA ARIZONA WHITE SANDS MS NEW MEXICO ALEXANDRIA VIRGINIA	796 * 48 140 558
357	BIOMETRICS INC GARLAND TEXAS	900 * 900	387	SYSTEMS PLANNING & ANALYSIS INC ARLINGTON VIRGINIA	755 * 755
358	POSEIDON RESEARCH LOS ANGELES CALIFORNIA SHERMAN CAWS CALIFORNIA	891 * 334 597	388	ATLANTIC ANALYSIS CORP NORFOLK VIRGINIA	786 * 786
359	RISI INDUSTRIES INC CHULA VISTA CALIFORNIA	879 * 879	389	KEYSON CENTURY CORP FORT WASHINGTON PA	788 * 788
360	SONIC INSTRUMENTS INC CHICAGO ILLINOIS	872 * 872	390	IMAGE GRAPHICS INC FAIRFIELD CONN	781 * 781
361	SPIRE CORP REG'ONC MASS	867 * 867	391	OCEAN DATA SYSTEMS INC ROCKVILLE MARYLAND	778 * 778
362	AIRSEARCH MFG CO OF ARIZONA PHOENIX ARIZONA	856 * 856	392	FEDERAL ELECTRIC CORP EDWARDS AFB CALIFORNIA GRIFFISS AFB NEW YORK	744 * 713 31
363	DIGITAL TECHNOLOGY INC CHAMPAIGN ILLINOIS	853 * 853	393	FIREM MATERIALS INC BIDDEFORD MAINE	743 * 743
364	C T E C FALLS CHURCH VIRGINIA	851 * 851	394	CENTER FOR PLANNING & RESEARCH INC PALO ALTO CALIFORNIA	740 * 740
365	SPACE VECTOR CORP NORTHBRIDGE CALIFORNIA	850 * 850	395	ADVANCED DESIGN CORP ALEXANDRIA VIRGINIA	728 * 728
366	CHALCO ENGINEERING CORP EDWARDS AFB CALIFORNIA	845 * 845	396	PRECISION SCIENCE APPLICATIONS INC ARLINGTON VIRGINIA	727 * 727
367	CALIFORNIA RESEARCH & TECHNOLOGY WOODLAND HILLS CALIFORNIA	843 * 843	397	ROSENBAUM HAROLD ASSOCIATES INC BURLINGTON MASS LEXINGTON MASS	727 * 517 210
368	NIELSEN ENGINEERING & RESEARCH CO MOUNTAIN VIEW CALIFORNIA	843 * 843	398	CATA BASE MANAGEMENT INC WASHINGTON DC	725 * 725
369	PROGRESS AEROSPACE ENTERPRISES INC PHILADELPHIA PA	840 * 840	399	STERLING WALTER V INC ORANGE CALIFORNIA	724 * 724
370	HERDAN GROUP SAN DIEGO CALIFORNIA	827 * 827	400	SYSTEMS & APPLIED SCIENCES CORP MONTEREY CALIFORNIA WASHINGTON DC RIVERDALE MARYLAND HANSCOM AFB MASS WRIGHT PATTERS OHIO	712 * 84 12 256 256 34
371	CUMMINS ENGINE CO INC COLLINSVILLE INDIANA	821 * 821	401	SYNECTICS CORP ROPE NEW YORK ALLISON PARK PA FAIRFAX VIRGINIA	707 * 180 754 173
372	PACIFICA TECHNOLOGY DEL MAR CALIFORNIA SAN DIEGO CALIFORNIA	817 * 727 90	402	VEGA PRECISION LABORATORIES INC VIENNA VIRGINIA	704 * 704
373	PHYSICAL DYNAMICS INC BERKELEY CALIFORNIA LA JOLLA CALIFORNIA	810 * 90 768	403	BRECK CORP FAIRFIELD NEW JERSEY	652 * 652
374	RAVCOMP INDUSTRIES INC FORT MONMOUTH NEW JERSEY	800 * 800			
375	SANTA FE CORP ALEXANDRIA VIRGINIA	799 * 799			

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418	INTERNATIONAL COMPLYING CO BETHESDA MARYLAND WRIGHT PATTERS OHIO	672 * 126 536	445	ANALYTICAL ASSESSMENTS CORP MARINA DEL REY CALIFORNIA ARLINGTON VIRGINIA	529 * 540 49
419	NORTH AMERICAN PHILIPS CORP PRIARCLIFF NAR NEW YORK	678 * 678	446	GENERAL OFFSHORE CORP FORT LAUDERDAL FLORIDA KEY WEST FLORIDA	529 * 271 318
420	CONSOLIDATED ANALYSIS CENTER INC ARLINGTON VIRGINIA	683 * 683	448	SONALYSTS INC WATERFORD CONN	524 * 524
421	S T RESEARCH CORP SPRINGFIELD VIRGINIA	682 * 682	449	APPLICATION RESEARCH CORP SOUTHAMPTON PA	572 * 572
422	CLARK EQUIPMENT CO BENTON HARBOR MICHIGAN	686 * 686	450	AMERICAN STERILIZER CO ERIE PA	571 * 571
423	PASSAGHUSSETTS COMPLIER ASSOCIATES MASS MASS	683 * 683	451	FREQUENCY & TIME SYSTEMS INC DANVERS MASS	565 * 569
424	DIGITAL EQUIPMENT CORP SAN DIEGO CALIFORNIA MARLBORO MASS MASS NASHUA NH	644 * 240 25 284 95	452	NORTHERN RESEARCH & ENGR CORP CAMBRIDGE MASS	566 * 566
425	APPEX CORP REDWOOD CITY CALIFORNIA SUNNYVALE CALIFORNIA ELK GROVE VILL ILLINOIS	643 * 525 98 18	454	KAPPA SYSTEMS INC COLORADO SPRGS COLORADO ARLINGTON VIRGINIA	568 * 374 236
426	ANALYTIC DISC PLINES INC MANASSAS VIRGINIA VIENNA VIRGINIA	641 * 412 229	455	O C S CORP ARLINGTON VIRGINIA	555 * 559
427	SPECTRA RESEARCH SYSTEMS INC IRVINE CALIFORNIA	638 * 638	456	SACHS FREEMAN ASSOCIATES INC WASHINGTON DC BLADENSBURG MARYLAND HYATTSVILLE MARYLAND	557 * 52 397 198
428	SYSTEM AUTOMATION CORP SILVER SPRING MARYLAND	638 * 638	457	PACIFIC ANALYSIS CORP HONOLULU CITY HAWAII	556 * 556
432	AEI TECHNOLOGY INC MUNTSVILLE ALABAMA	628 * 628	458	JAMES RIVER GRAPHICS SOUTH WACLEY MASS	555 * 555
433	SYSTEMS TECHNOLOGY INC MANTHORME CALIFORNIA	618 * 618	459	STEIN ASSOCIATES INC WALTHAM MASS	553 * 553
434	MYCCP INC IRVINE CALIFORNIA	617 * 617	460	SPRINGBORN LABORATORIES INC ENFIELD CONN	548 * 548
436	I L C DOVER PRECEERICA DELAWARE	614 * 614	461	DATA GENERAL CORP OPFUTY APE NEBRASKA	546 * 546
437	PROBE SYSTEMS INC SUNNYVALE CALIFORNIA	612 * 612	463	HYCROACOUSTICS INC ROCHESTER NEW YORK	543 * 543
439	VEEDENBURG R H & CO ARLINGTON VIRGINIA MCLEAN VIRGINIA	610 * 128 482	464	SPEARS ASSOCIATES INC NESTON MASS	538 * 538
440	SIGNAL SCIENCE INC SANTA CLARA CALIFORNIA	609 * 609	465	E E I ELECTRONICS INC GARDEN ARKANSAS	527 * 527
442	COLUMBIA RESEARCH CORP ARLINGTON VIRGINIA FALLS CHURCH VIRGINIA	597 * 572 25	466	UNIDYNAMICS PHOENIX INC GOODYEAR ARIZONA PHOENIX ARIZONA	534 * 584 20
443	PARK RESOURCES INC MARINA DEL REY CALIFORNIA	597 * 597	467	AUTOMETRIC CORP ARLINGTON VIRGINIA FALLS CHURCH VIRGINIA	538 * 367 183
444	HEAD TECHNOLOGY LABORATORIES DAYTON OHIO WRIGHT PATTERS OHIO	597 * 233 384			

\* = PLUS AMOUNT (CANCELLATIONS EXCEED NEW AWARDS)  
S = SMALL BUSINESS

# SECTION I - U. S. BUSINESS FIRMS

FISCAL YEAR 1979

RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS	RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS
469	ARCCA CORP BEDFORD MASS MANICOM AFB MASS WAREFIELD MASS	5 84 342 180	497	ECLEYECH ASSOCIATES INC STONINGTON CONN	5 473
471	H J SHEAR CORP TORRANCE CALIFORNIA	5 926 526	500	NETWORK ANALYSIS CORP GLEN COVE NEW YORK GREAT NECK NEW YORK VIENNA VIRGINIA	468 48 323 29
476	PULCRA WATCH CO INC VALLEY STREAM NEW YORK	985 985			7,392,252
477	INFORMATION SPECTRUM INC CHERRY HILL NEW JERSEY WARRINSTER PA ARLINGTON VIRGINIA	5 985 83 58 324			
478	P F J INC POLENA VIRGINIA	5 988 988			
479	MECHANICAL TECHNOLOGY INC HYDE PARK NEW YORK LATHAM NEW YORK	588 25 475			
481	SUMMIT RESEARCH CORP GAITHERSBURG MARYLAND	5 588 588			
481	FIC MED INC SILVER SPRING MARYLAND	5 492 492			
482	SLA CO INC MARCUS MOON PA	495 495			
483	PERFIT J L CNSLT & SPEC ENGR SVS REDLANDS CALIFORNIA	5 493 493			
484	DECISION SCIENCE INC SAN DIEGO CALIFORNIA	5 489 489			
485	MONSANTO RESEARCH CORP DAYTON OHIO	482 482			
486	TELECOM SYSTEMS INC FULLEPTON CALIFORNIA ARLINGTON VIRGINIA	487 57 438			
488	OPTICAL SCIENCES CO PLACENTIA CALIFORNIA	5 486 486			
488	TERESA TEN INC SALT LAKE CITY UTAH	5 486 486			
489	SCIENTIFIC SYSTEMS INC CAMBRIDGE MASS	5 481 481			
491	GAGLIARDI SYSTEMS GROUP INC SALEM NH	5 479 479			
492	XYTEX REDWOOD CITY CALIFORNIA	5 479 479			
493	INTERNATIONAL PUBLIC POLICY RES MCLFAN VIRGINIA	476 476			
494	HYPERIONICS FALLS CHURCH VIRGINIA MCLEAN VIRGINIA	475 42 422			
495	PERSLERPEY CONCEPT CORP ROCK NEW YORK	5 474 474			

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SECTION II - NON-PROFIT INSTITUTIONS  
FISCAL YEAR 1979

RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS	RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS
13	JOHNS HOPKINS UNIVERSITY BALTIMORE MARYLAND SCAGGSVILLE MARYLAND	155,881 782 155,899	76	DAYTON UNIVERSITY OF EDWARDS AFB CALIFORNIA KIRTLAND AFB NEW MEXICO DAYTON OHIO WRIGHT PATTERS OHIO	13,564 185 3,309 5,720 4,642
16	MASSACHUSETTS INSTITUTE TECHNOLOGY BLACKSTONE MASS CAMBRIDGE MASS LEXINGTON MASS	123,724 58 11,946 111,728	77	BATTELLE MEMORIAL INSTITUTE MUATSVILLE GERMANY REGSTONE ARSEN ALABAMA SAN DIEGO CALIFORNIA COPPERCITY COLORADO WASHINGTON DC EGGINS AFB FLORIDA ATLANTA GEORGIA ROCK ISLAND ILLINOIS ABERDEEN PROV MARYLAND NATICK MASS WALTHAM MASS WATERTOWN MASS ST LOUIS MISSOURI DOVER NEW JERSEY FORT MONMOUTH NEW JERSEY WHITE SANDS MS NEW MEXICO DURHAM NCAR RALEIGH NCAR RESEARCH TRIAN NCAR COLUMBUS OHIO WRIGHT PATTERS OHIO BEAUMONT TEXAS ALEXANDRIA VIRGINIA ARLINGTON VIRGINIA FALLS CHURCH VIRGINIA FORT BELVOIR VIRGINIA FORT EUSTIS VIRGINIA FORT CONROE VIRGINIA RICHLAND WASHINGTON	13,204 186 414 11 59 11 27 75 164 288 26 21 17 28 212 123 164 310 14 18 9,476 102 14 13 16 48 21 101 51 479
17	AEROSPACE CORP EL SEGUNDO CALIFORNIA	121,887 121,887	78	ROCHESTER UNIVERSITY OF ROCHESTER NEW YORK ARLINGTON VIRGINIA	12,442 6,999 5,846
21	NITRE CORP BEDFORD MASS MCLIFAN VIRGINIA	84,755 84,538 225	85	SOUTHERN CALIFORNIA UNIVERSITY OF LOS ANGELES CALIFORNIA MARINA DEL REY CALIFORNIA	11,872 11,964 8
25	CHARLES STARK DRAPER LABS INC CAMBRIDGE MASS	65,849 65,849	91	STANFORD UNIVERSITY MENLO PARK CALIFORNIA STANFORD CALIFORNIA	10,654 49 10,645
54	CALIFORNIA UNIVERSITY OF MOUNT LEMMON ARIZONA BERKELEY CALIFORNIA DAVIS CALIFORNIA IRVINE CALIFORNIA LA JOLLA CALIFORNIA LOS ANGELES CALIFORNIA RIVERSIDE CALIFORNIA SAN DIEGO CALIFORNIA SAN FRANCISCO CALIFORNIA SANTA BARBARA CALIFORNIA SANTA CRUZ CALIFORNIA SEPULVEDA CALIFORNIA WRIGHT PATTERS OHIO	24,159 13 6,842 240 538 8,848 2,648 158 2,436 267 684 248 45 2,888	97	ALASKA UNIVERSITY OF FAIRBANKS CITY ALASKA	6,328 6,138
55	S F I INTERNATIONAL MENLO PARK CALIFORNIA SAN FRANCISCO CALIFORNIA ARLINGTON VIRGINIA	24,154 23,737 298 119	102	WASHINGTON UNIVERSITY OF ST LOUIS MISSOURI SEATTLE WASHINGTON	4,717 16 4,701
57	ILLINOIS INSTITUTE TECHNOLOGY CHICAGO ILLINOIS ANNAPOLIS MARYLAND GRIFFISS AFB NEW YORK ROPE NEW YORK DAYTON OHIO WRIGHT PATTERS OHIO	23,442 4,647 17,456 277 974 15 71	105	GEORGIA TECH RESEARCH INSTITUTE ATLANTA GEORGIA	4,360 4,360
67	UTAH UNIVERSITY OF SALT LAKE CITY UTAH	18,589 18,589	129	NEW MEXICO STATE UNIVERSITY TUMA ARIZONA LAS CRUCES NEW MEXICO WHITE SANDS MS NEW MEXICO	6,726 78 6,406 750
66	RAND CORP SANTA MONICA CALIFORNIA	15,836 15,836	131	WOODS HOLE OCEANOGRAPHIC INST WOODS HOLE MASS	6,121 6,121
67	INSTITUTE FOR DEFENSE ANALYSIS ARLINGTON VIRGINIA	15,777 15,777	135	ANALYTIC SERVICES INC WRIGHT PATTERS OHIO WILLOW GROVE PA ARLINGTON VIRGINIA	4,806 667 245 4,890
70	TEXAS UNIVERSITY OF FORT LAUDERDALE FLORIDA ARLINGTON TEXAS AUSTIN TEXAS DALLAS TEXAS EL PASO TEXAS GALVESTON TEXAS MOLSTON TEXAS RICARDSON TEXAS	15,072 25 143 14,116 148 282 251 47 68			
72	PENNSYLVANIA STATE UNIVERSITY STATE COLLEGE PA UNIVERSITY PARK PA	14,562 1,185 13,497			

- \* MINUS AMOUNT (CANCELLATIONS EXCEED NEW AWARDS)

## SECTION II - NON-PROFIT INSTITUTIONS

FISCAL YEAR 1979

RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS	RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS
137	ENVIRONMENTAL RESCH INST OF MICH ANN ARBOR MICHIGAN YPSILANTI MICHIGAN	5,591 5,833 598	225	BOSTON COLLEGE CHESTNUT HILL MASS MASSCOF AFB MASS NEWTON MASS NEWTON MASS	2,075 544 484 720 272
141	NEW MEXIC UNIVERSITY OF ALBUQUERQUE NEW MEXICO KIRTLAND AFB NEW MEXICO	5,428 1,931 3,497	226	SYRACUSE UNIVERSITY ROME NEW YORK SYRACUSE NEW YORK	2,065 144 1,519
145	SOUTHWEST RESEARCH INSTITUTE SAN ANTONIO TEXAS	5,152 5,152	227	SOUTHERN RESEARCH INSTITUTE BIRMINGHAM ALABAMA	2,061 2,061
146	GEORGIA INSTITUTE TECH ATLANTA GEORGIA	5,127 5,127	233	LOGISTICS MANAGEMENT INSTITUTE WASHINGTON DC	1,998 1,998
158	CARNEGIE MELLON UNIVERSITY PITTSBURGH PA	4,536 4,536	234	PITTSBURGH UNIVERSITY OF PITTSBURGH PA	1,968 1,968
159	UTAH STATE UNIVERSITY LOGAN UTAH	4,299 4,299	235	YALE UNIVERSITY NEW HAVEN CONN	1,941 1,941
163	COLUMBIA UNIVERSITY NEW YORK NEW YORK PALISADES NEW YORK	4,052 3,412 148	236	WISCONSIN UNIVERSITY OF MADISON WISCONSIN MILWAUKEE WISCONSIN	1,931 1,027 44
173	ILLINOIS UNIVERSITY OF CHAMPAIGN ILLINOIS CHICAGO ILLINOIS URBANA ILLINOIS	3,727 179 811 2,727	245	PRINCETON UNIVERSITY PRINCETON NEW JERSEY	1,868 1,868
176	RIVERSIDE RESEARCH INSTITUTE NEW YORK NEW YORK	3,438 3,438	247	DENVER UNIVERSITY OF DENVER COLORADO	1,838 1,838
182	CALIFORNIA INSTITUTE OF TECHNOLOGY PASADENA CALIFORNIA	3,389 3,389	258	OKLAHOMA STATE UNIVERSITY OF EGLIN AFB FLORIDA STILLWATER OKLAHOMA	1,778 244 1,441
185	PENNSYLVANIA UNIVERSITY OF PHILADELPHIA PA	3,132 3,132	252	SALK INSTITUTE THE SAN DIEGO CALIFORNIA	1,751 1,751
187	ARIZONA UNIVERSITY OF TUCSON ARIZONA	3,081 47 3,034	255	NEW YORK POLYTECHNIC INSTITUTE BROOKLYN NEW YORK FARMINGDALE NEW YORK NEW YORK NEW YORK	1,739 1,988 79 126
201	HAWAII UNIVERSITY OF HONOLULU CITY HAWAII PEARL HARBOR HAWAII	2,726 2,686 40	258	NEW MEXICO INSTITUTE MINING & TECH SOCORRO NEW MEXICO	1,715 1,719
202	FLORIDA UNIVERSITY OF CORAL GABLES FLORIDA GAINESVILLE FLORIDA MIAMI FLORIDA	2,677 2,287 182 288	261	OREGON STATE UNIVERSITY CORVALLIS OREGON	1,628 1,628
211	MARYLAND UNIVERSITY OF BALTIMORE MARYLAND COLLEGE PARK MARYLAND	2,328 655 1,673	267	WENTWORTH INSTITUTE BOSTON MASS	1,531 1,531
215	CORNELL UNIVERSITY ITHACA NEW YORK NEW YORK NEW YORK	2,250 2,091 159	269	CAPITOL FACIO ENGINEERING INST INC SILVER SPRING MARYLAND	1,526 1,526
216	MICHIGAN UNIVERSITY OF ANN ARBOR MICHIGAN	2,244 2,244	272	PURDUE RESEARCH FOUNDATION LAFAYETTE INDIANA WEST LAFAYETTE INDIANA	1,465 278 1,265
219	OHIO STATE UNIV RESEARCH FOUNDATION COLUMBUS OHIO	2,228 2,228	276	GEORGE WASHINGTON UNIVERSITY WASHINGTON DC	1,445 1,445
223	PALISADES GEOPHYSICAL INSTITUTE MIAMI BEACH FLORIDA GLAUBELT NEW YORK	2,187 996 495 696	277	NEW YORK STATE UNIV RESEARCH FOUND ALBANY NEW YORK STONY BROOK NEW YORK	1,428 1,277 191
			278	HARVARD UNIVERSITY CAMBRIDGE MASS	1,421 1,421

- \* FIGURES AMOUNT (CANCELLATIONS EXCEED NEW ADDRESS)

SECTION II - NON-PROFIT INSTITUTIONS  
FISCAL YEAR 1979

RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS	RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS
280	MUPAN RESOURCES RESEARCH CORP GERMANY MONTEREY CALIFORNIA ALEXANDRIA VIRGINIA	1,417 * 990 75 792	393	FLORIDA STATE UNIVERSITY GAINESVILLE FLORIDA TALLAHASSEE FLORIDA	922 * 24 898
281	VIRGINIA POLYTECHNIC INSTITUTE BLACKSBURG VIRGINIA	1,417 * 1,417	394	NORTHWESTERN UNIVERSITY EVANSTON ILLINOIS	881 * 881
287	POSTON UNIVERSITY BOSTON MASS	1,342 * 1,342	361	NEW YORK UNIVERSITY NEW YORK NEW YORK	876 * 876
289	SOUTHEASTERN CTR ELECT ENGR EDUC AUBURN ALABAMA ORLANDO FLORIDA WRIGHT PATTERS OHIO	1,305 * 485 464 486	363	LENIGH UNIVERSITY BETHLEHEM PA	870 * 870
290	SYRACUSE UNIVERSITY RESEARCH CORP SYRACUSE NEW YORK	1,304 * 1,304	365	AUBURN UNIVERSITY AUBURN ALABAMA	862 * 862
295	IOWA UNIVERSITY OF AMES IOWA IOWA CITY IOWA	1,232 * 182 1,050	370	COLORADO STATE UNIVERSITY FORT COLLINS COLORADO	846 * 846
298	RHODE ISLAND UNIVERSITY OF KINGSTON RI	1,196 * 1,196	374	SYRACUSE RESEARCH CORP SYRACUSE NEW YORK	843 * 843
299	RESEARCH TRIANGLE INSTITUTE RESEARCH TRIANGLE NCAR	1,193 * 1,193	376	CINCINNATI UNIVERSITY OF CINCINNATI OHIO WRIGHT PATTERS OHIO	832 * 827 765
309	NATIONAL CNCL SOVIET & EUROPE RESCH CAMBRIDGE MASS	1,125 * 1,125	378	GEOPHYSICAL INSTITUTE OF ALASKA FAIRBANKS CITY ALASKA	823 * 823
319	COLORADO UNIVERSITY BOULDER COLORADO DENVER COLORADO	1,071 * 957 114	388	FLORIDA TECHNOLOGICAL UNIVERSITY ORLANDO FLORIDA	791 * 791
321	TENNESSEE UNIVERSITY OF GOLETA CALIFORNIA KNOXVILLE TENNESSEE MEMPHIS TENNESSEE TULLAMONA TENNESSEE	1,059 * 33 650 48 326	389	DUME UNIVERSITY DURHAM NCAR	788 * 788
326	STEVENS INSTITUTE OF TECHNOLOGY HOBOKEN NEW JERSEY	1,036 * 1,036	395	CATHOLIC UNIVERSITY OF AMERICA WASHINGTON DC	781 * 781
328	RENSSELAER POLYTECHNIC INSTITUTE TROY NEW YORK	1,020 * 1,020	395	TEXAS A & M UNIVERSITY COLLEGE STATION TEXAS	777 * 777
331	MASSACHUSETTS UNIVERSITY OF AMHERST MASS WORCESTER MASS	1,004 * 843 161	397	ALABAMA UNIVERSITY OF BIRMINGHAM ALABAMA MONTGOMERY ALABAMA UNIVERSITY ALABAMA	765 * 441 181 227
333	CASE WESTERN RESERVE UNIVERSITY CLEVELAND OHIO	991 * 991	398	WAYNE STATE UNIVERSITY DETROIT MICHIGAN	751 * 751
335	LOUISIANA STATE UNIVERSITY OF BATON ROUGE LOUISIANA NEW ORLEANS LOUISIANA	983 * 918 73	399	MISSOURI UNIVERSITY OF COLUMBIA MISSOURI KANSAS CITY MISSOURI ROLLA MISSOURI	749 * 410 38 309
336	TEXAS A & M RESEARCH FOUNDATION COLLEGE STATION TEXAS	978 * 978	403	VIRGINIA UNIVERSITY OF CHARLOTTESVILLE VIRGINIA	729 * 729
338	MINNESOTA UNIVERSITY OF MINNEAPOLIS MINNESOTA ST PAUL MINNESOTA	974 * 584 478	408	EMMANUEL COLLEGE BOSTON MASS LEXINGTON MASS	725 * 55 678
344	NORTHEASTERN UNIVERSITY BOSTON MASS	958 * 958	410	PICWEST RESEARCH INSTITUTE KANSAS CITY MISSOURI	720 * 720
348	FLORIDA UNIVERSITY GAINESVILLE FLORIDA	946 * 946	411	PALISADES INSTITUTE NEW YORK NEW YORK	712 * 712
			416	AMERICAN FOUNDATION PSYCHOLOGICAL ROCKVILLE MARYLAND	685 * 689

\* = MINUS AMOUNT (CANCELLATIONS EXCEED NEW AWARDS)

SECTION II - NON-PROFIT INSTITUTIONS  
FISCAL YEAR 1979

RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS	RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS
417	NEVADA UNIVERSITY OF RENO NEVADA	689 *			
429	OHIO STATE UNIVERSITY THE COLUMBUS OHIO	626 *			
	LOGAN UTAH	615			
		21			
438	CLARKSON COLLEGE OF TECHNOLOGY POTS DAM NEW YORK	635 *			
		635			
431	NEW HAMPSHIRE UNIVERSITY OF DURHAM NH	624 *			
		624			
435	BROWN UNIVERSITY PROVIDENCE RI	614 *			
		614			
441	NORTH CAROLINA UNIVERSITY OF CHAPEL HILL NCAR	607 *			
	CHARLOTTE NCAR	598			
	WILMINGTON NCAR	12			
		99			
447	MUDSON INSTITUTE CROTON ON HUDS NEW YORK	584 *			
		584			
462	SOUTH CAROLINA UNIVERSITY OF CHARLESTON SCAR	546 *			
	COLUMBIA SCAR	48			
		586			
478	CHICAGO UNIVERSITY CHICAGO ILLINOIS	527 *			
		527			
472	KANSAS UNIVERSITY OF EL DORADO KANSAS	519 *			
	KANSAS CITY KANSAS	99			
	LAWFENCE KANSAS	179			
		281			
473	HOUSTON UNIVERSITY OF HOUSTON TEXAS	517 *			
		517			
476	DELAWARE UNIVERSITY OF NEWARK DELAWARE	507 *			
		507			
475	GEORGETOWN UNIVERSITY WASHINGTON DC	506 *			
		506			
487	MICHIGAN TECHNOLOGICAL UNIVERSITY HOUGHTON MICHIGAN	486 *			
		486			
496	TEXAS TECHNOLOGICAL COLLEGE LUBBOCK TEXAS	474 *			
		474			
498	NORTH CAROLINA STATE UNIVERSITY CHAPEL HILL NCAR	472 *			
	RALEIGH NCAR	99			
		413			
499	MICHIGAN STATE UNIVERSITY EAST LANSING MICHIGAN	467 *			
		467			
		988,912			

\* - PLUS AMOUNT (CANCELLATIONS EXCEED NEW AWARDS)



## SECTION III - FOREIGN CONTRACTORS

FISCAL YEAR 1979.

RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS	RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS
187	CANADIAN COMMERCIAL CORP KIRTLAND AFB MINNISTON	8,229 8,177 11- 83			
271	ROYAL NORWEGIAN NAVY COMM NORWAY	1,988 1,988			
274	UNITED KINGDOM MINISTRY OF DEFENCE UN KINGDOM	1,454 1,454			
384	NATIONAL TAIWAN UNIVERSITY HOSP FNCSD/TAI	1,197 1,197			
434	PATRA CO FRANCE	111 111			
		12,991			

- \* MINUS AMOUNT (CANCELLATIONS EXCEED NEW AWARDS)



SECTION IV - U. S. GOVERNMENT AGENCIES  
FISCAL YEAR 1979

RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS	RANK	NAME OF CONTRACTOR AND LOCATION	THOUSANDS OF DOLLARS
129	NATIONAL ACADEMY OF SCIENCES WASHINGTON DC WHITE SANDS MS NEW MEXICO	5,930 5,433 106			
229	UNITED STATES NATL AERO SPACE AGY RIDGELEY OHIO	2,890 2,890			
237	UNITED STATES COMMERCE DEPT BOULDER COLORADO WASHINGTON DC GAITHERSBURG MARYLAND MORRIS OKLAHOMA SEATTLE WASHINGTON	1,930 441 1,172 89 16 12			
351	UNITED STATES ENERGY DEPT LIVERMORE CALIFORNIA OAKLAND CALIFORNIA WASHINGTON DC ALBUQUERQUE NEW MEXICO OAK RIDGE TENNESSEE	933 290 920 25 90 80			
360	SMITHSONIAN INSTITUTION WASHINGTON DC CAMBRIDGE MASS	780 565 223			
469	NATIONAL SCIENCE FOUNDATION WASHINGTON DC	920 920			
		11,767			

- \* FINAL AMOUNT (CANCELLATIONS EXCEED NEW AWARDS)



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